

FIG. 1

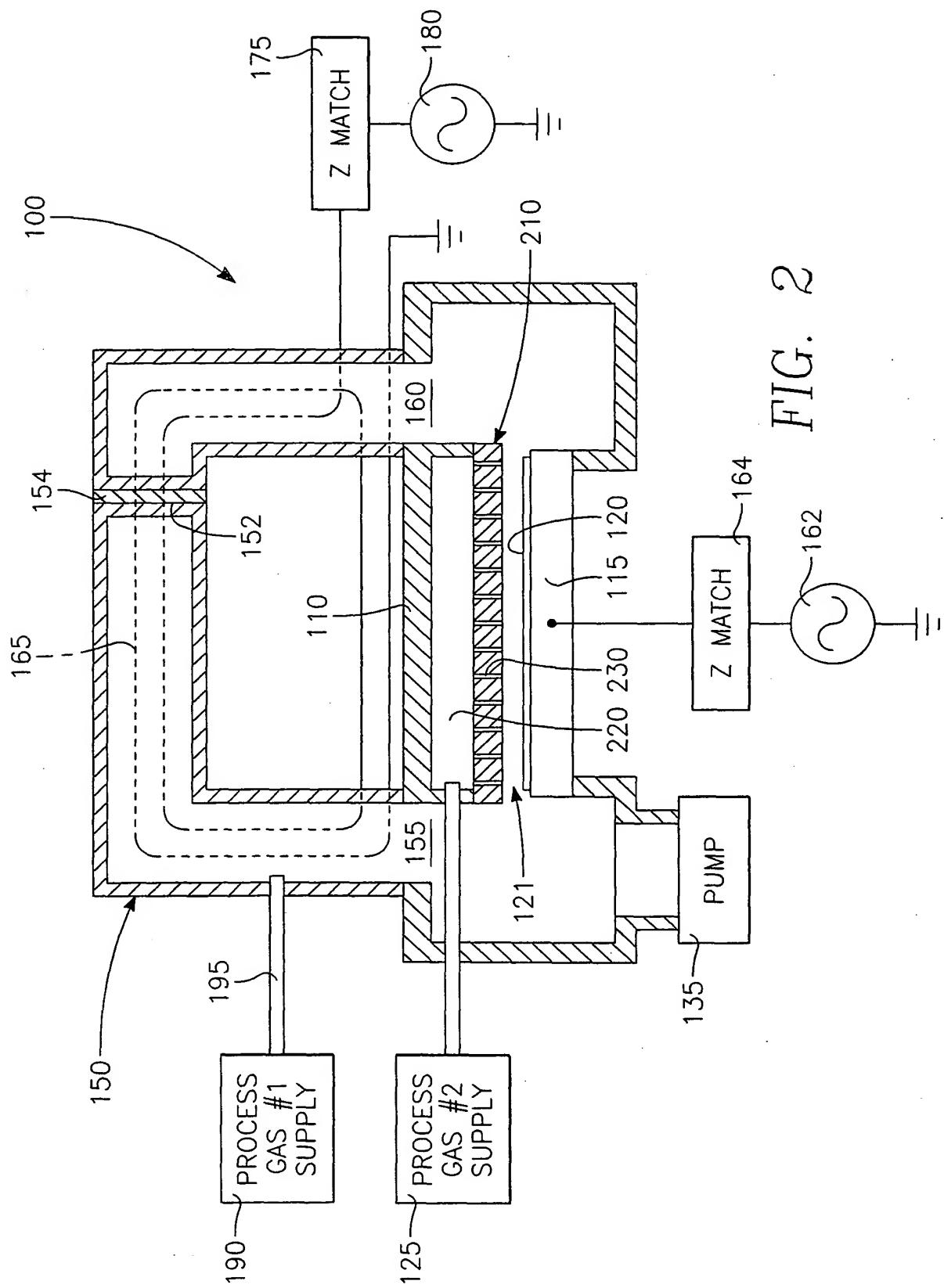
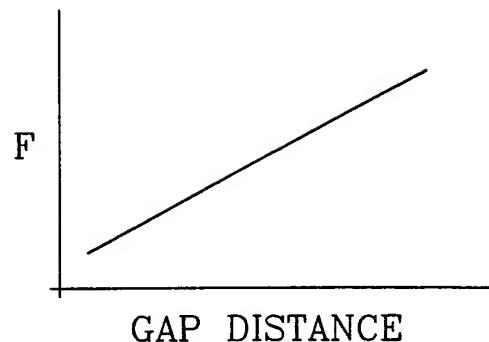
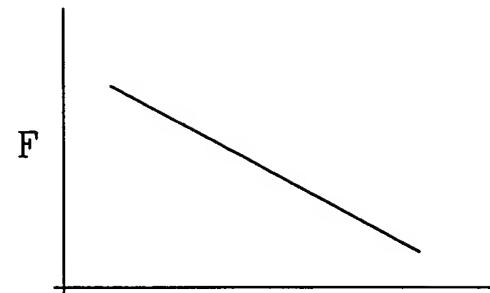


FIG. 2



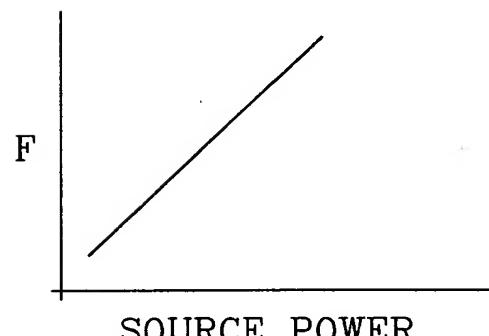
GAP DISTANCE

FIG. 3



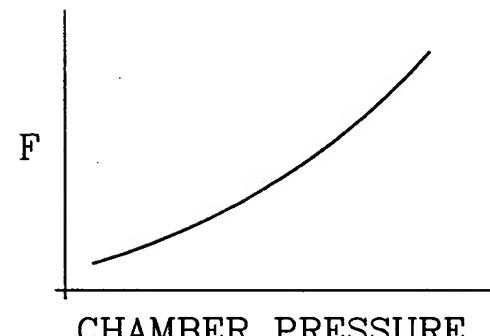
BIAS POWER

FIG. 4



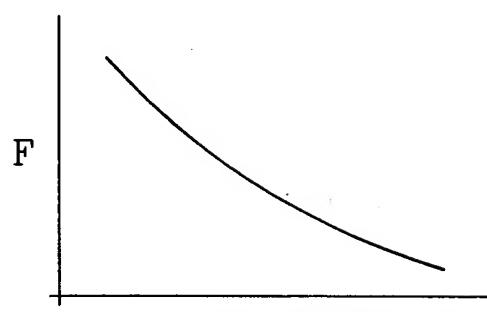
SOURCE POWER

FIG. 5



CHAMBER PRESSURE

FIG. 6



Ar PARTIAL PRESSURE

FIG. 7

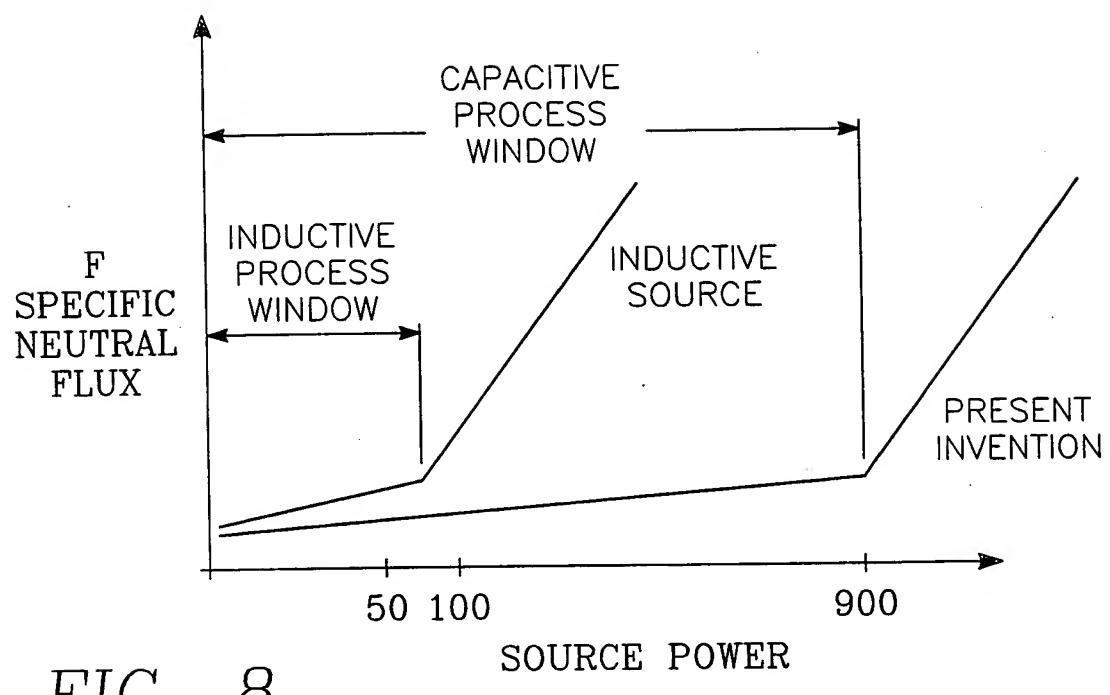


FIG. 8

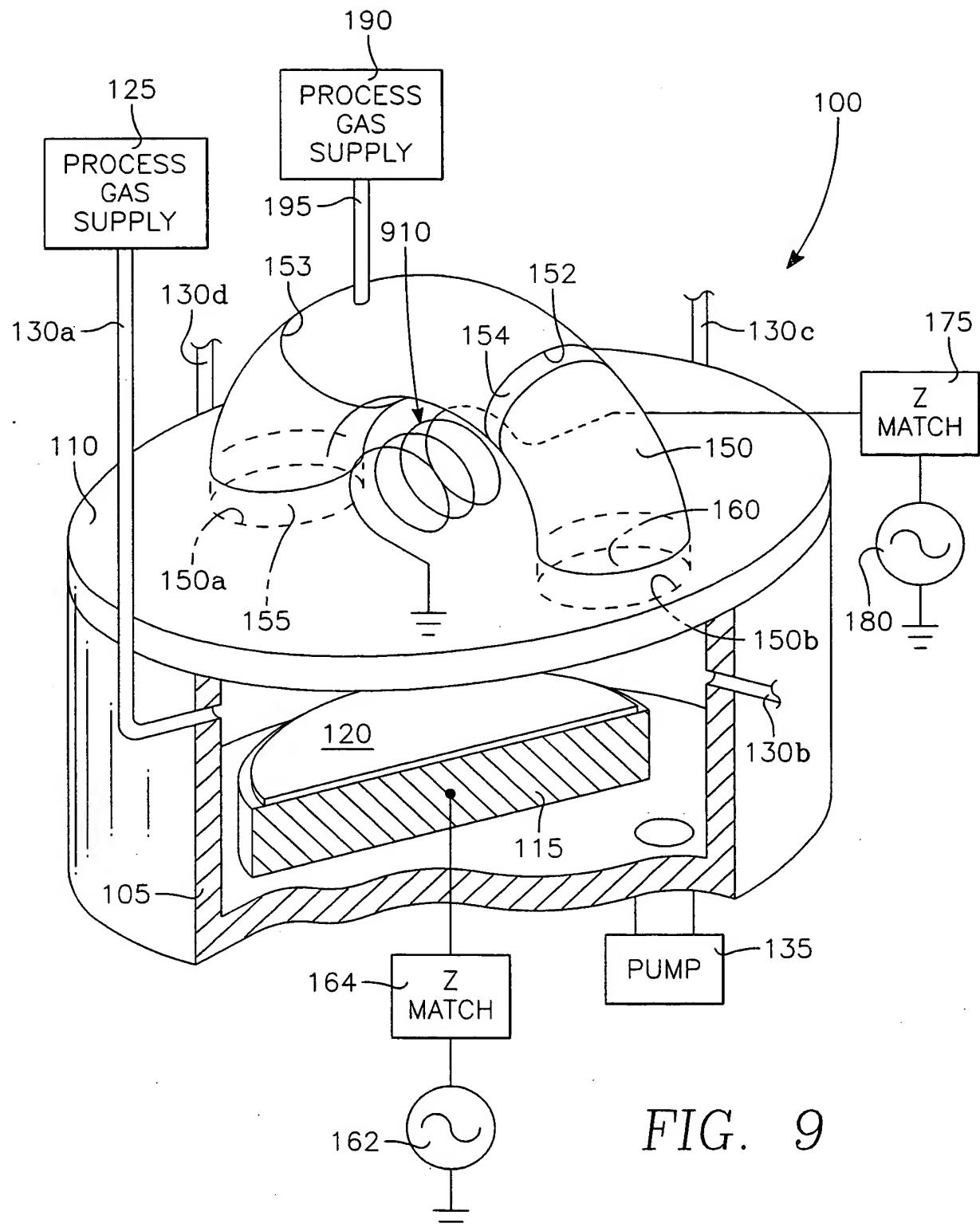


FIG. 9

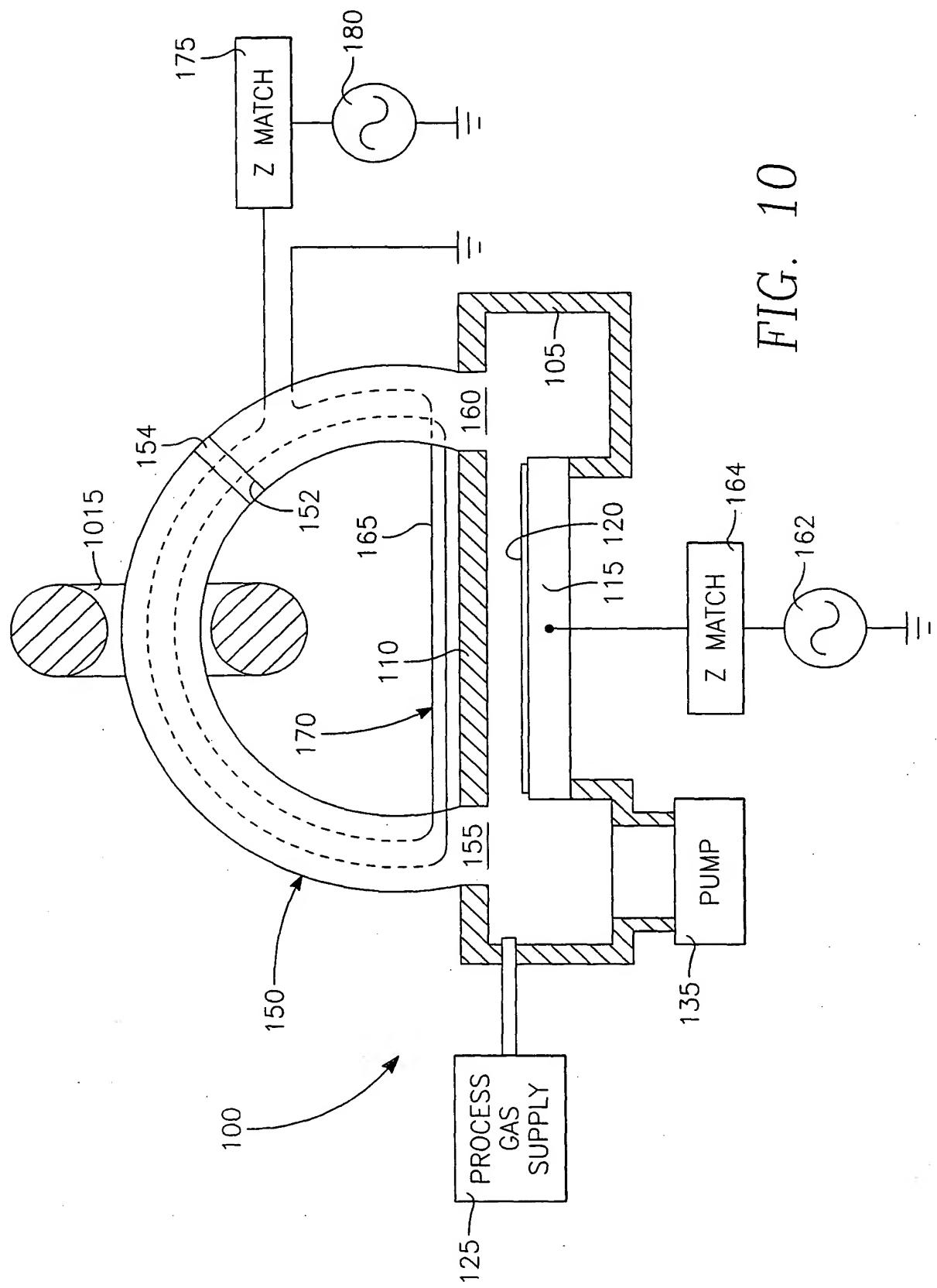
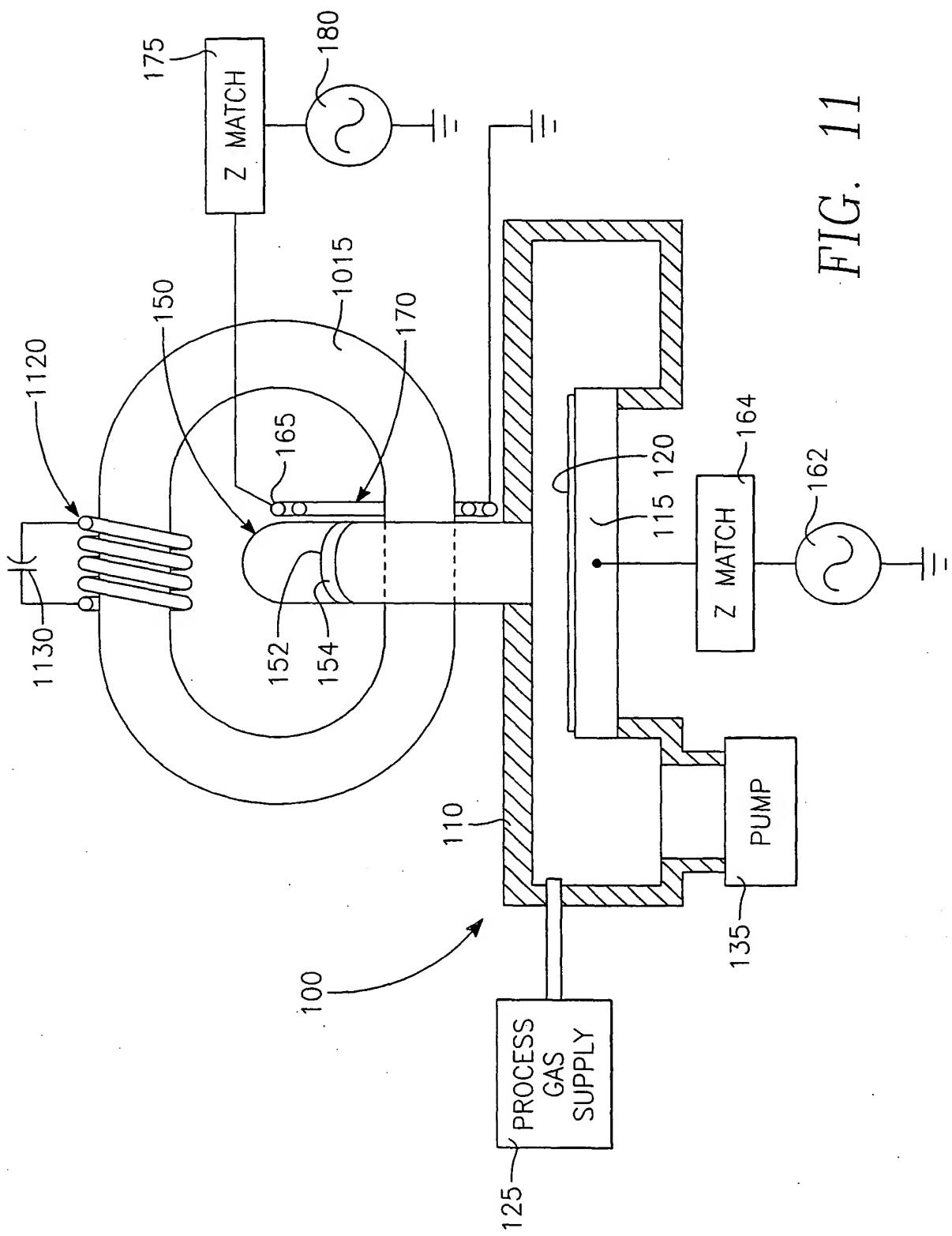


FIG. 10



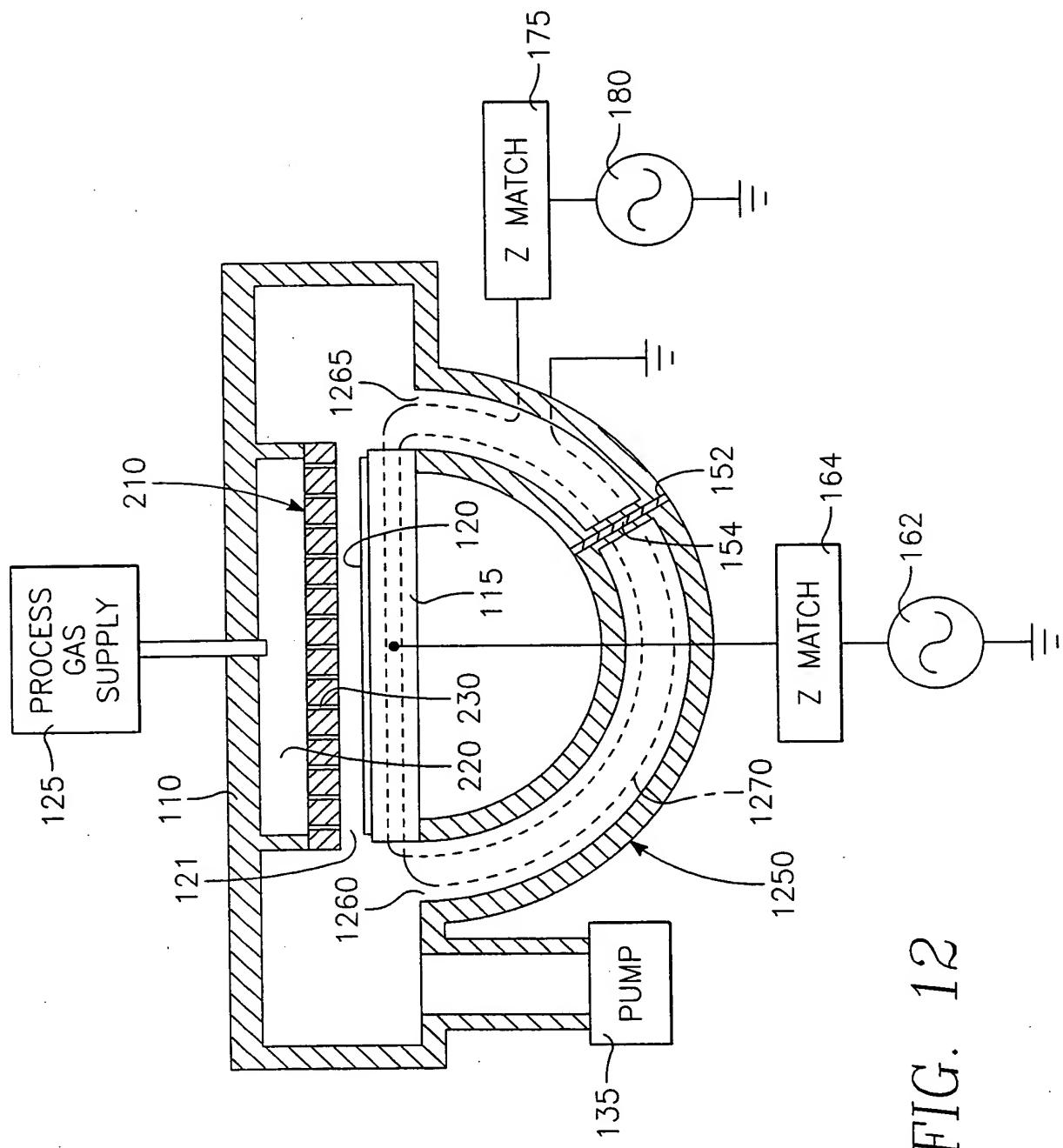


FIG. 12

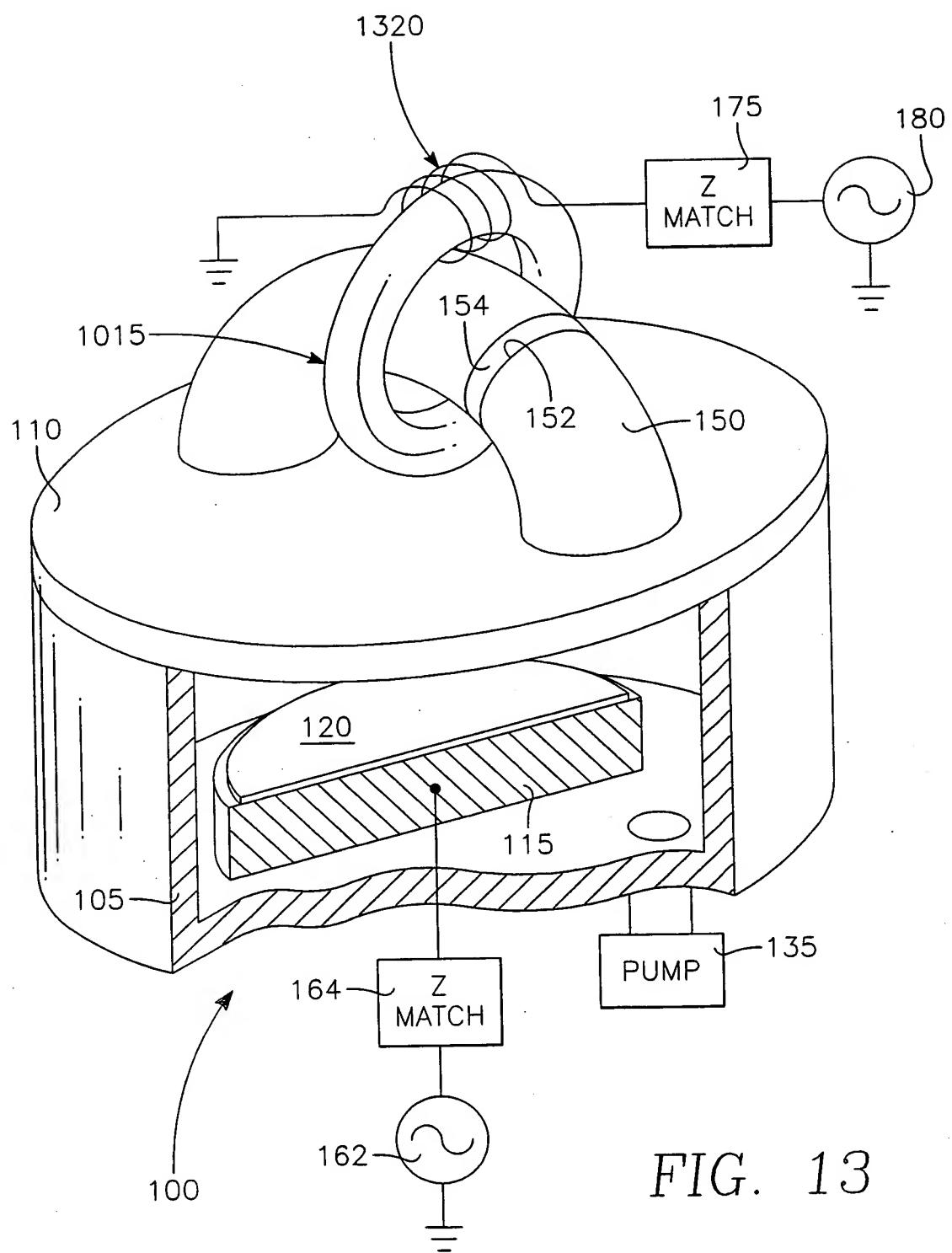


FIG. 13

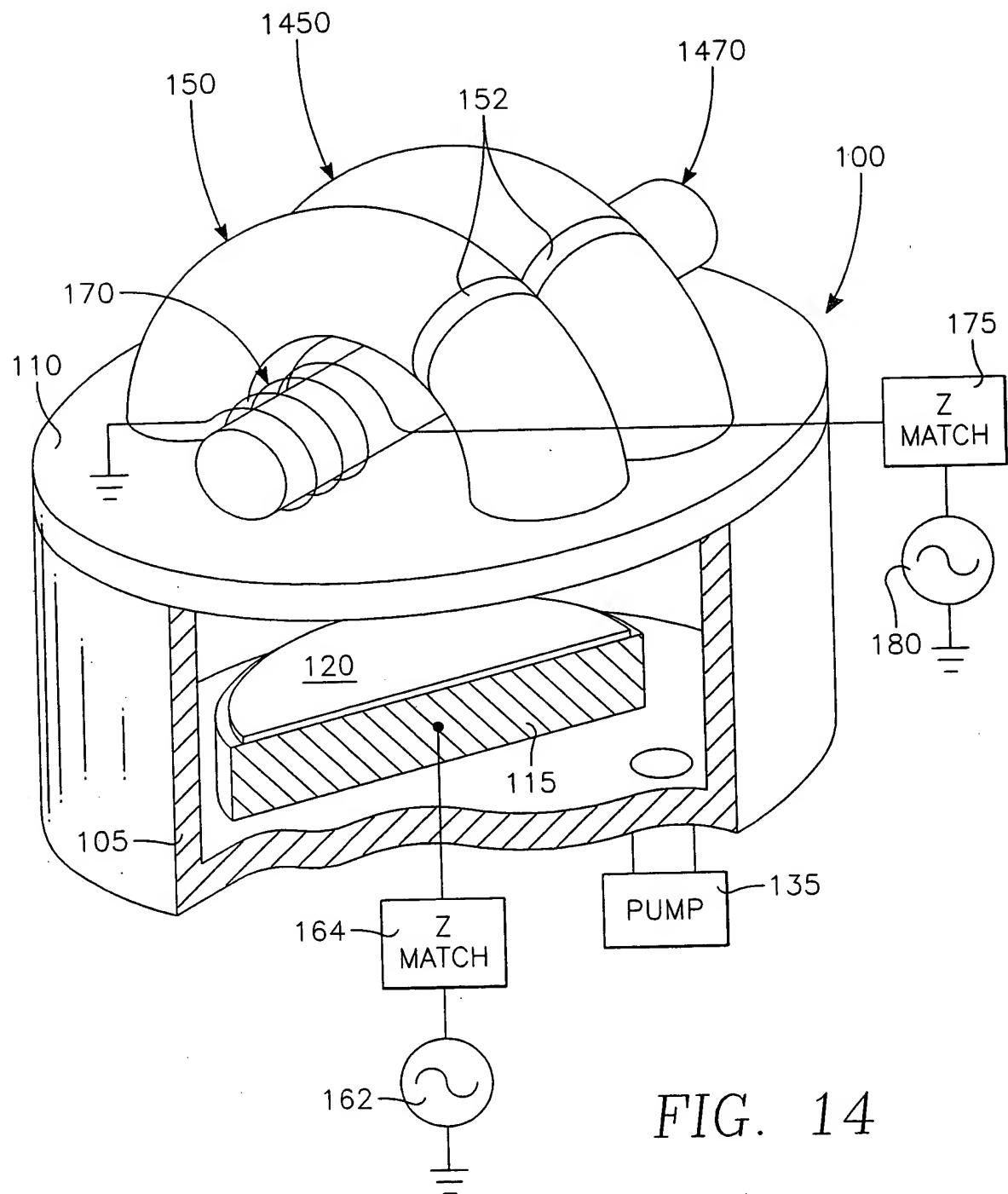


FIG. 14

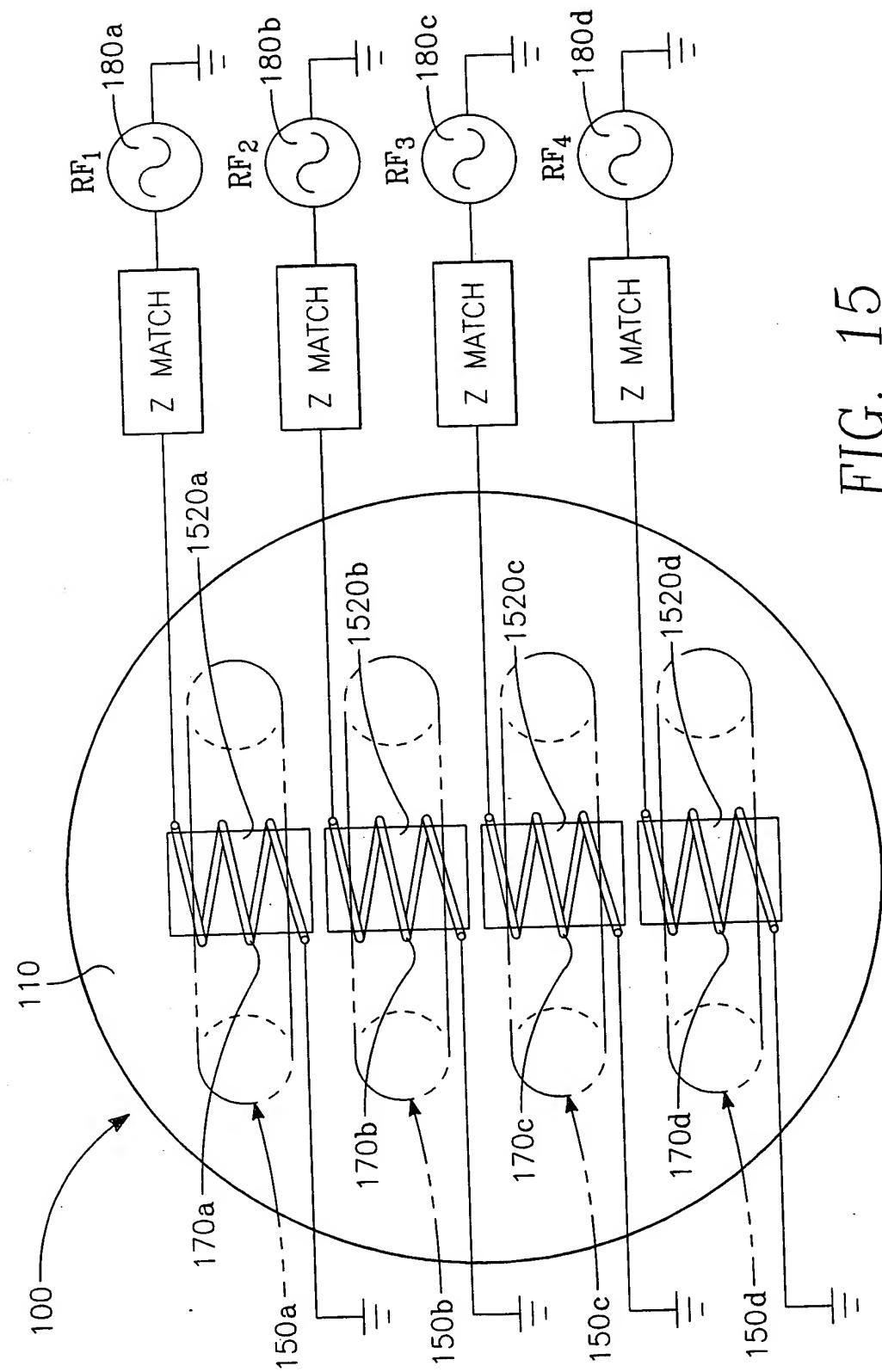


FIG. 15

12/85

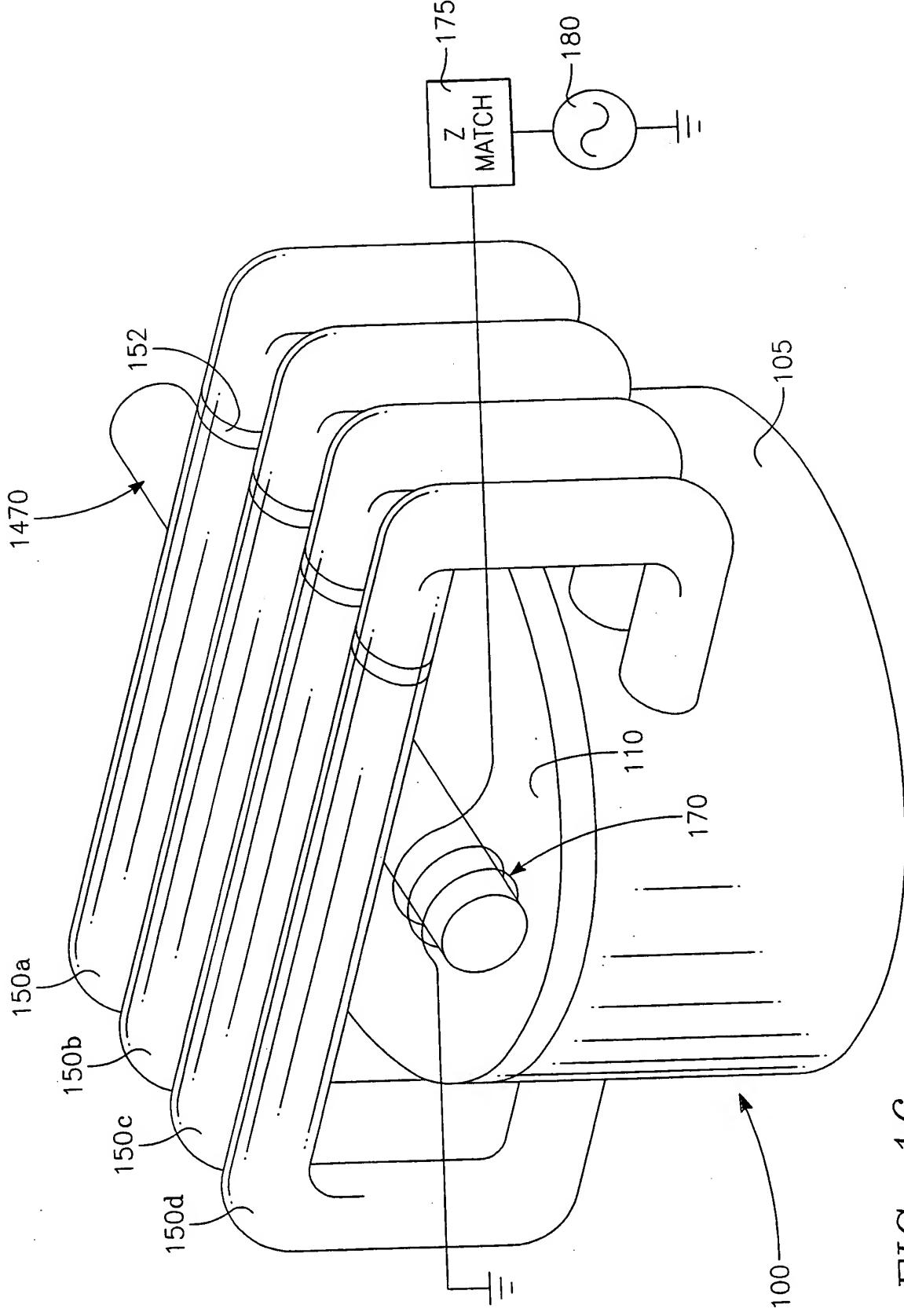


FIG. 16

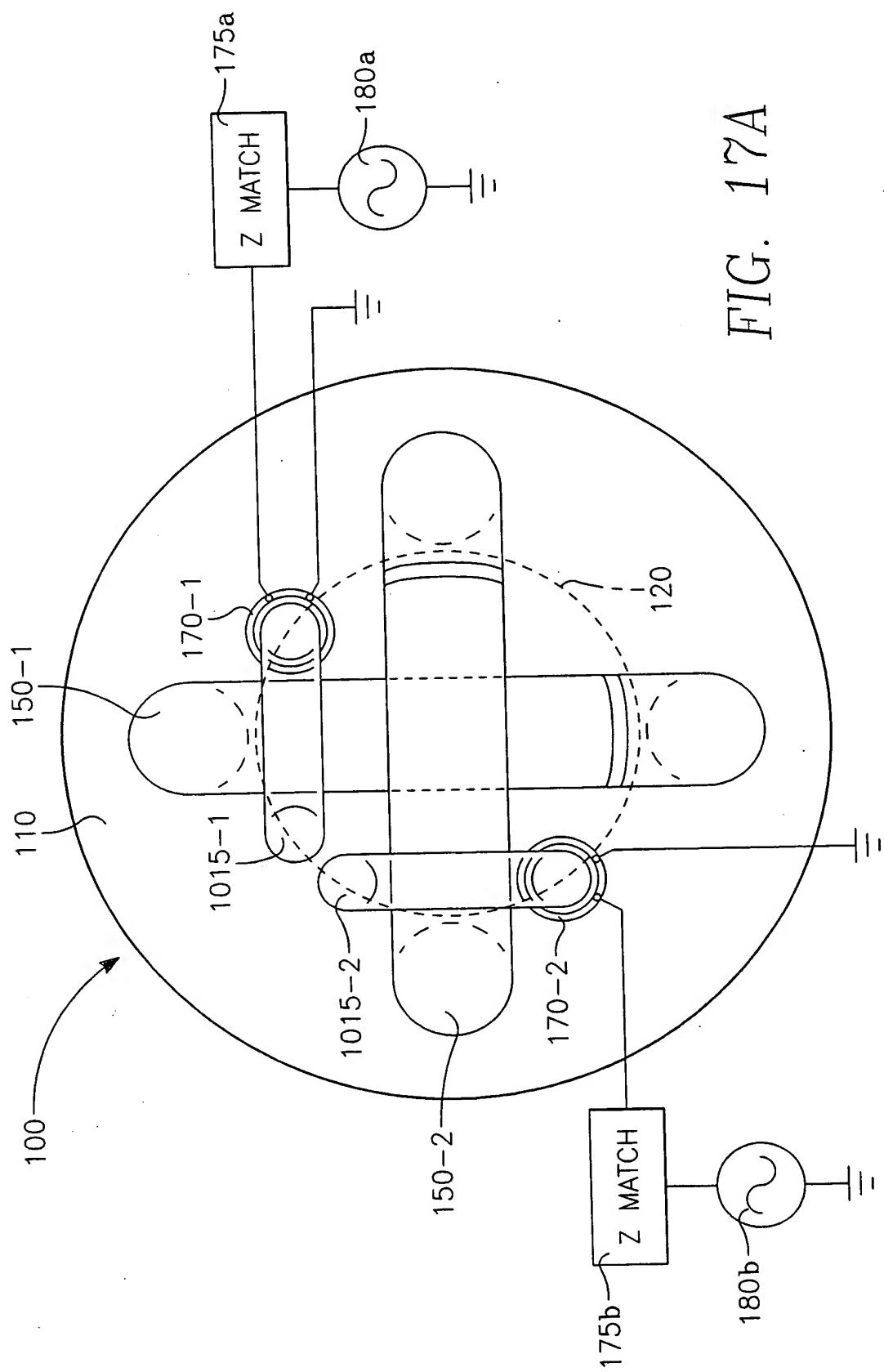


FIG. 17A

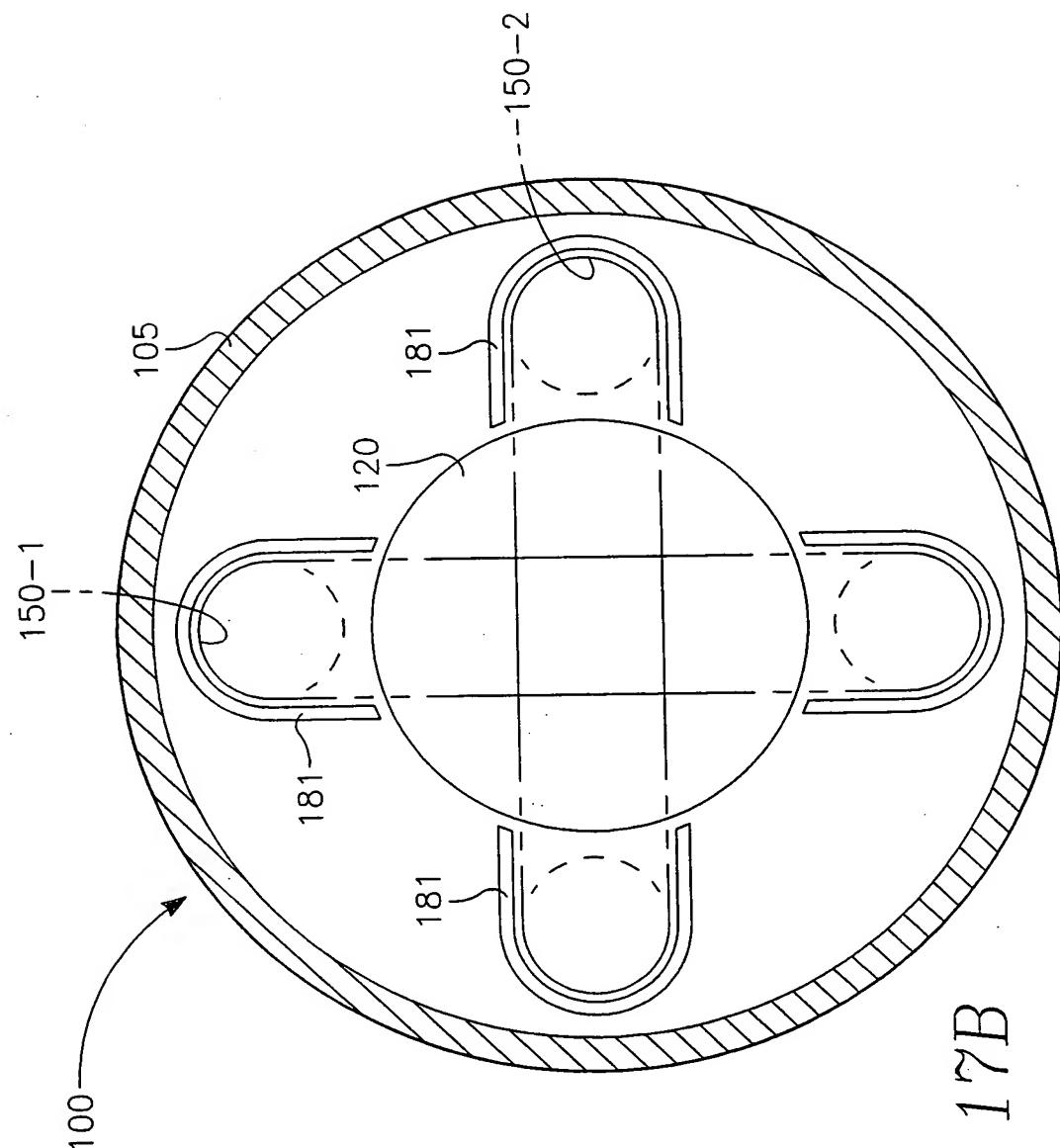


FIG. 17B

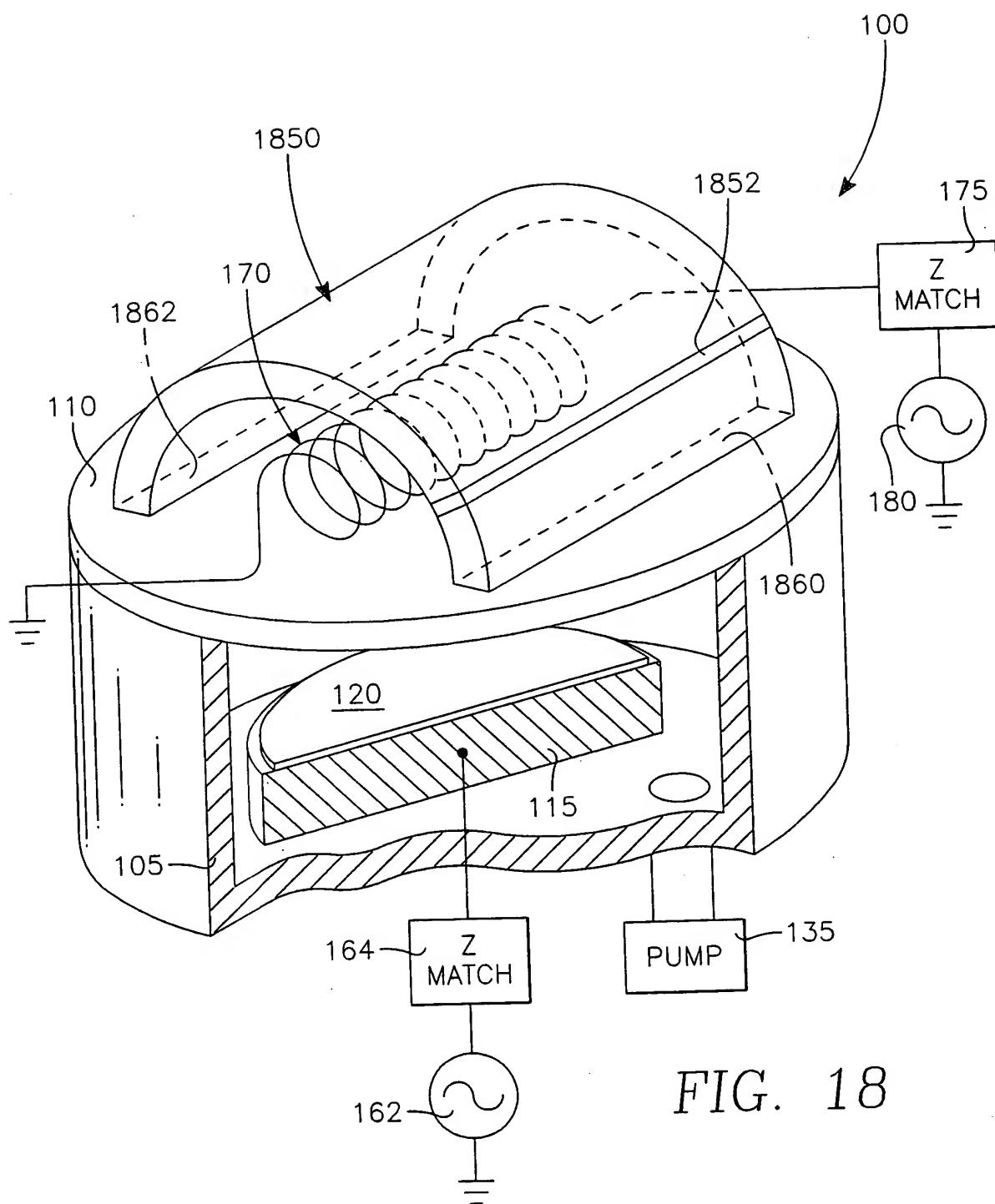


FIG. 18

16/85

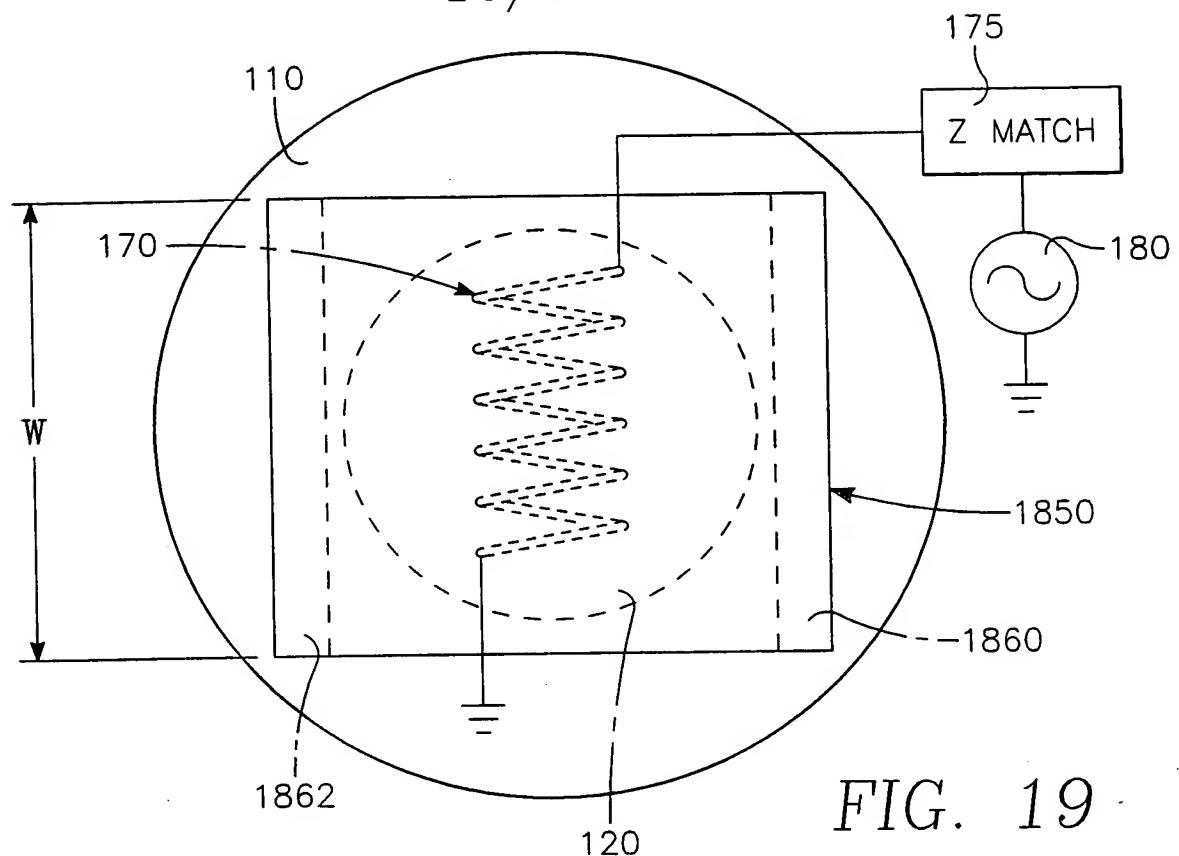


FIG. 19

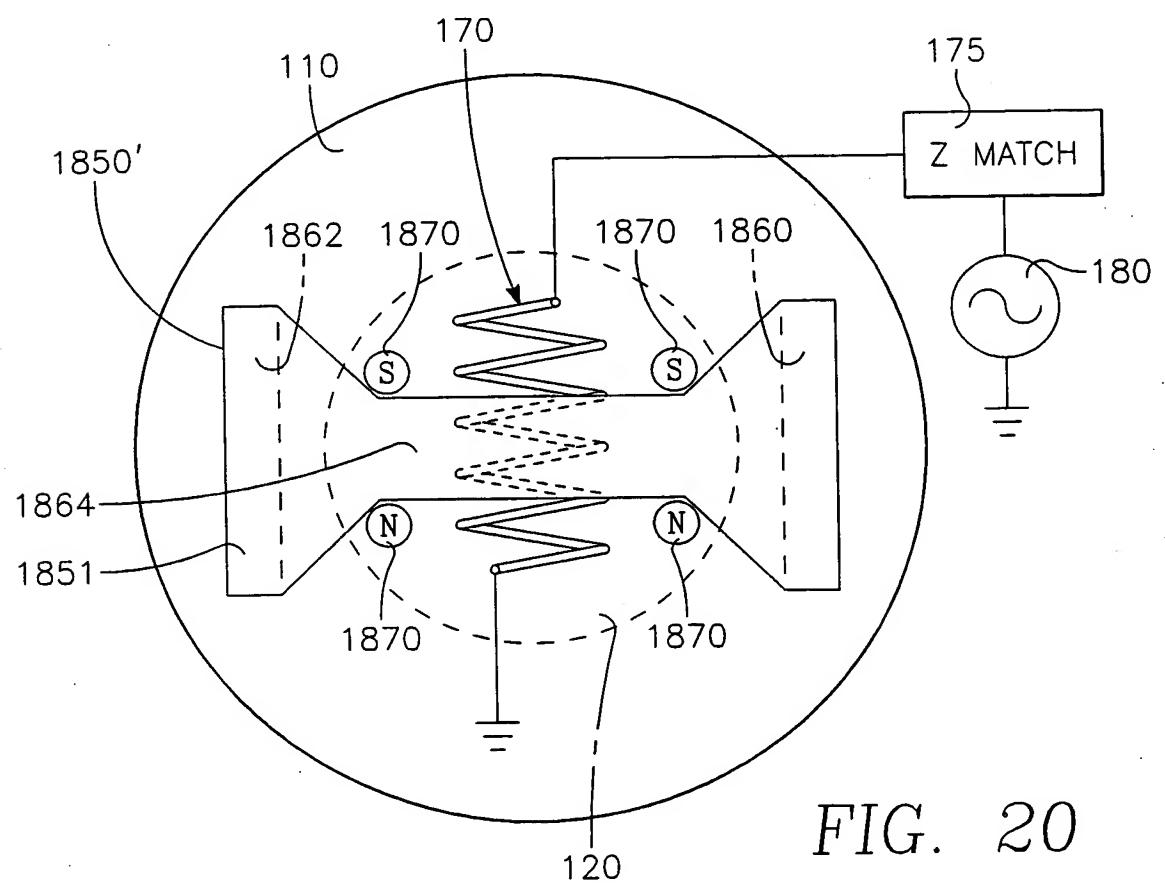


FIG. 20

17/85

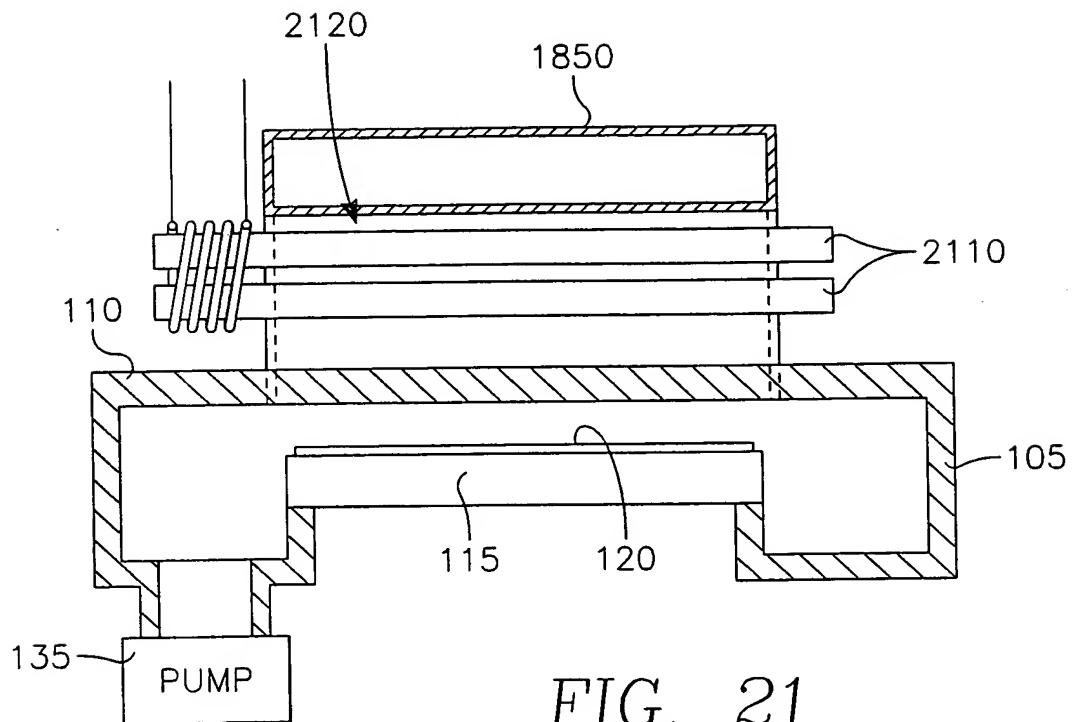


FIG. 21

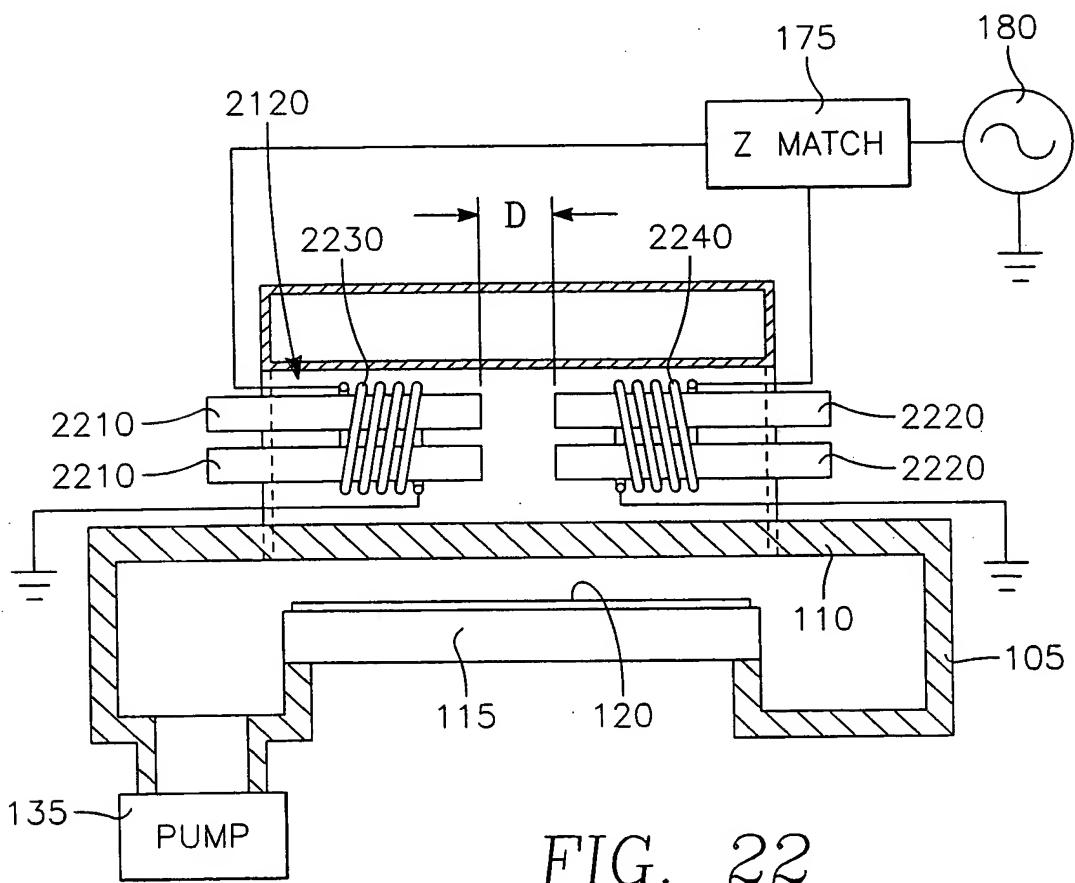


FIG. 22

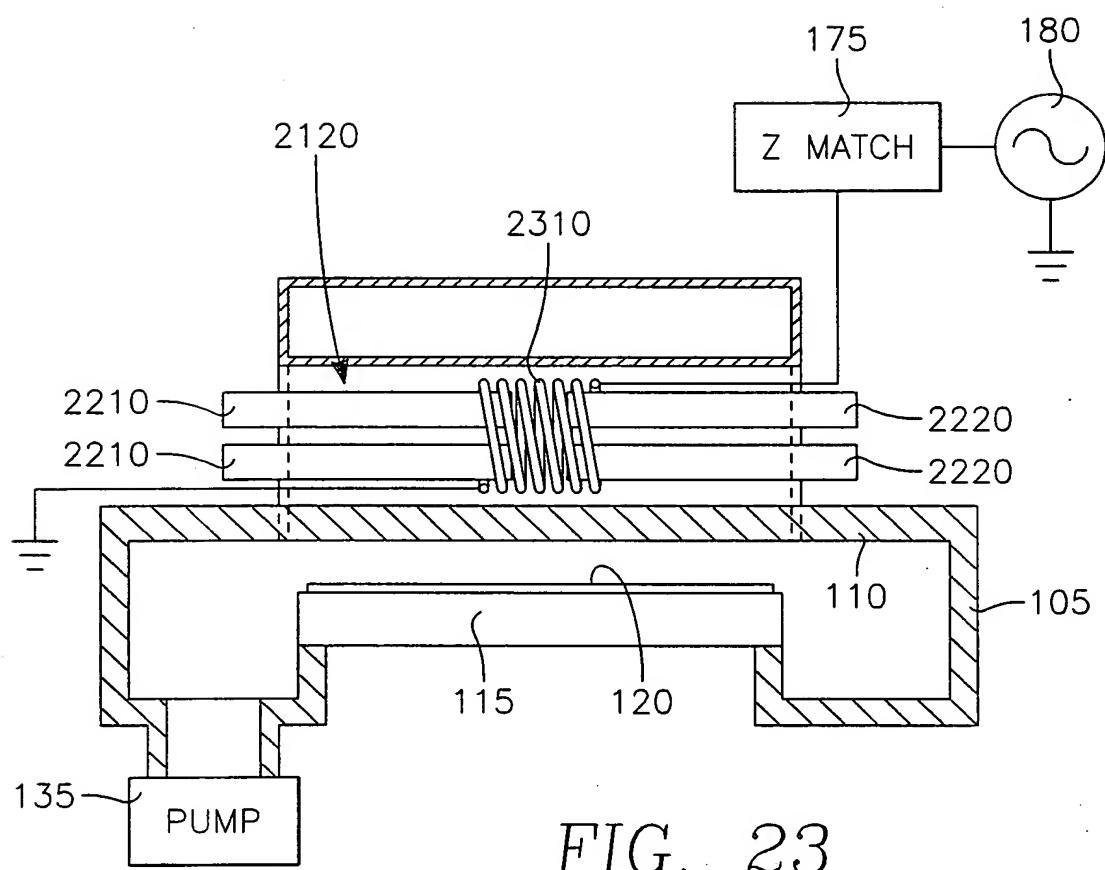


FIG. 23

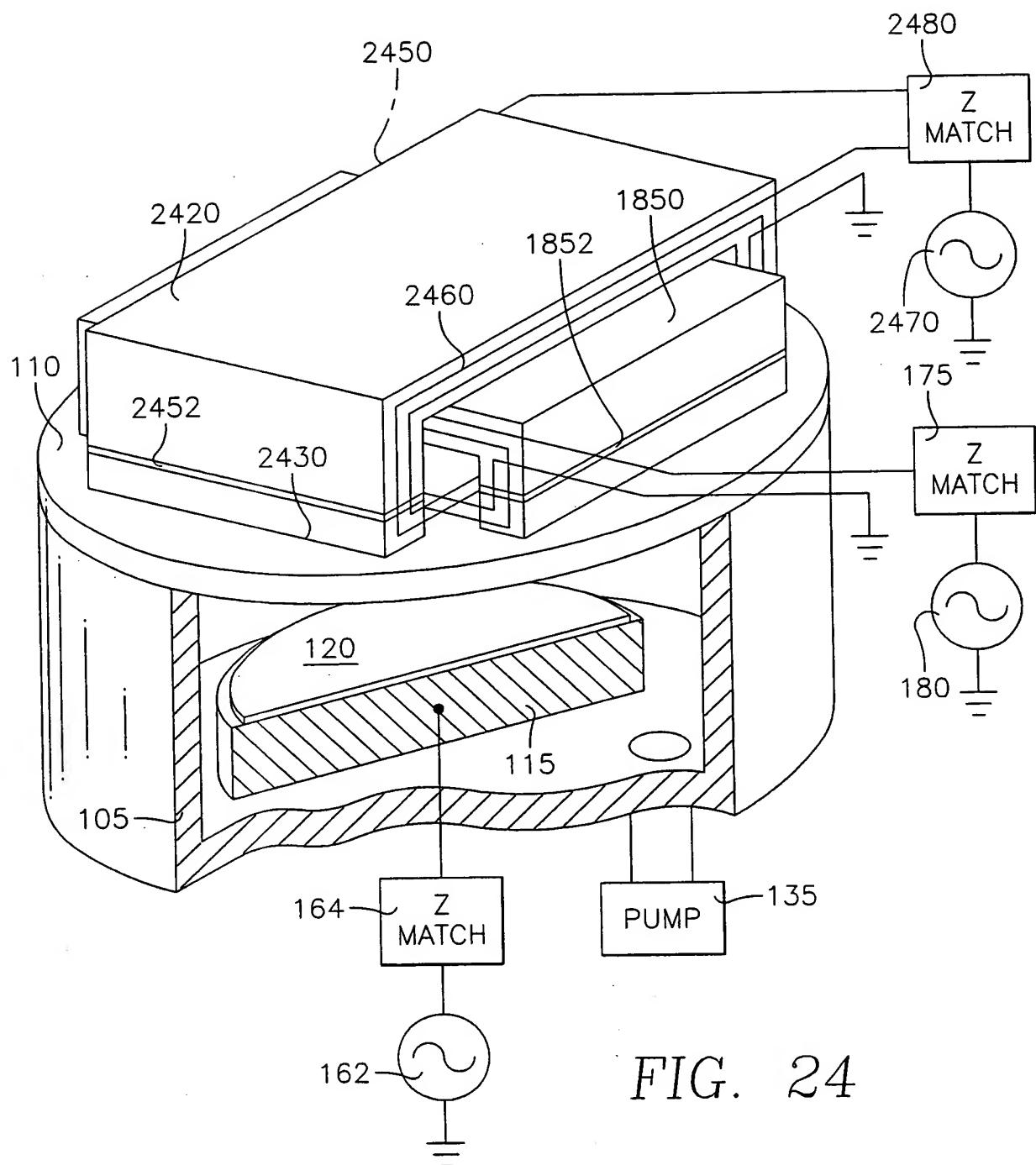


FIG. 24

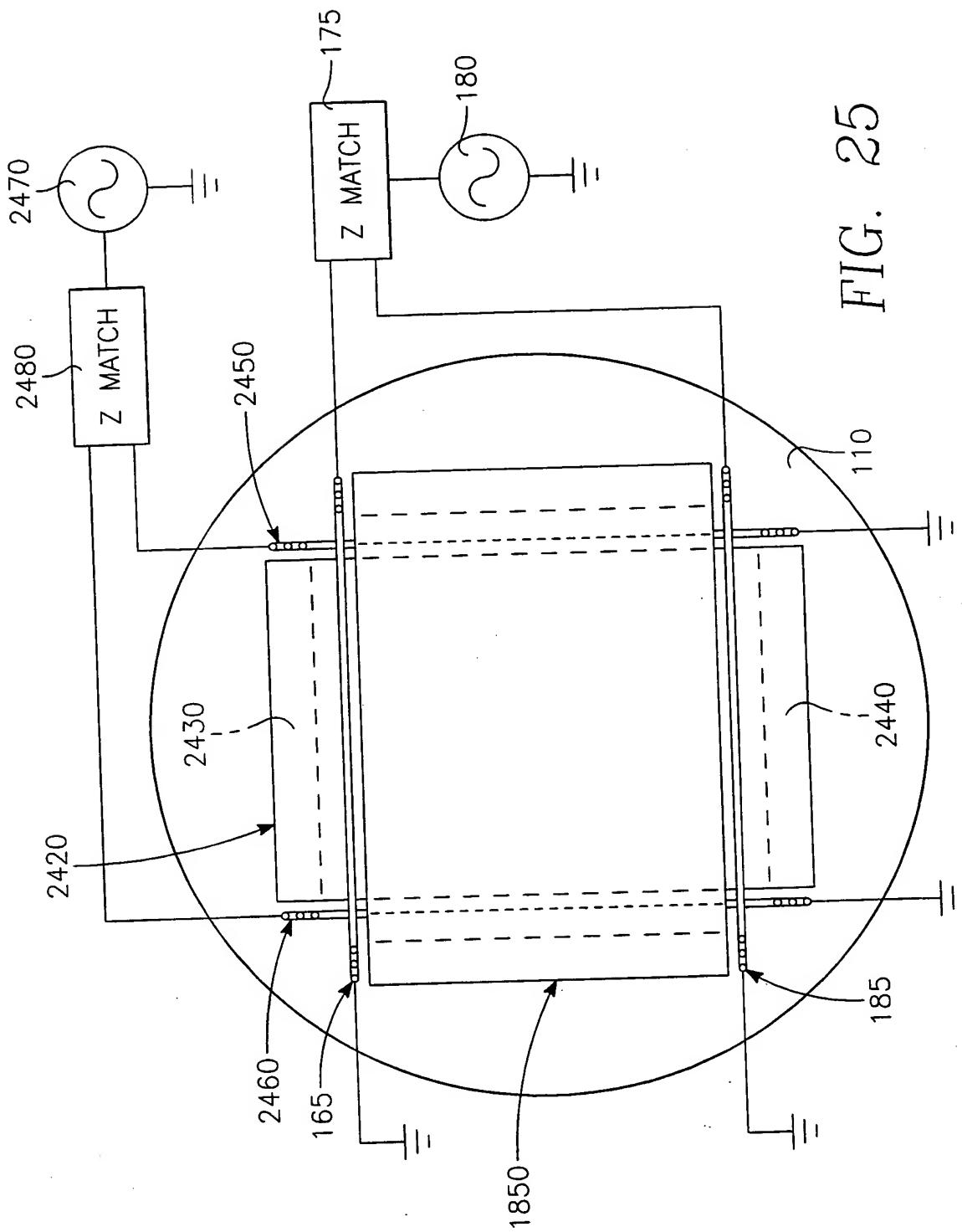


FIG. 25

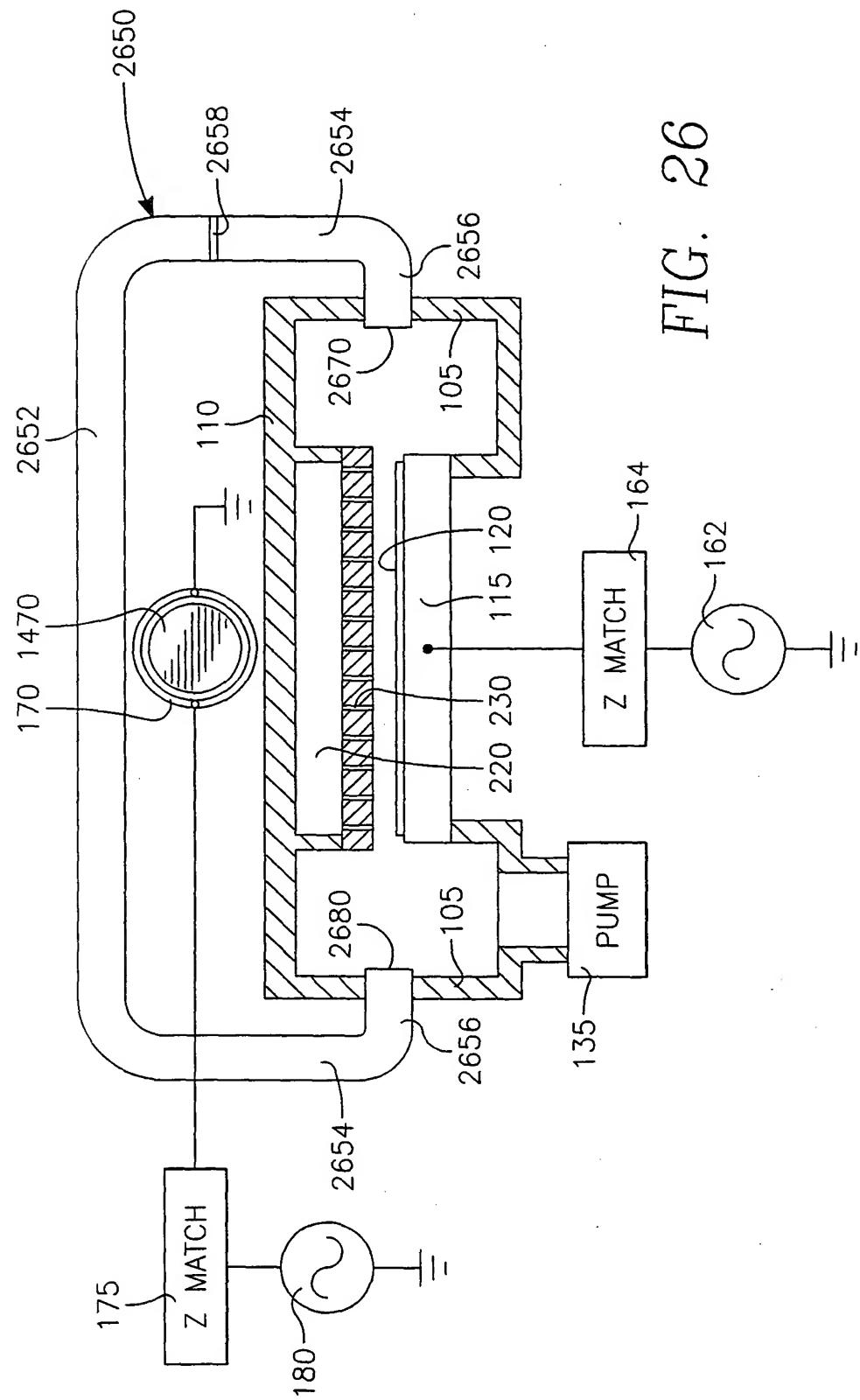


FIG. 26

22/85

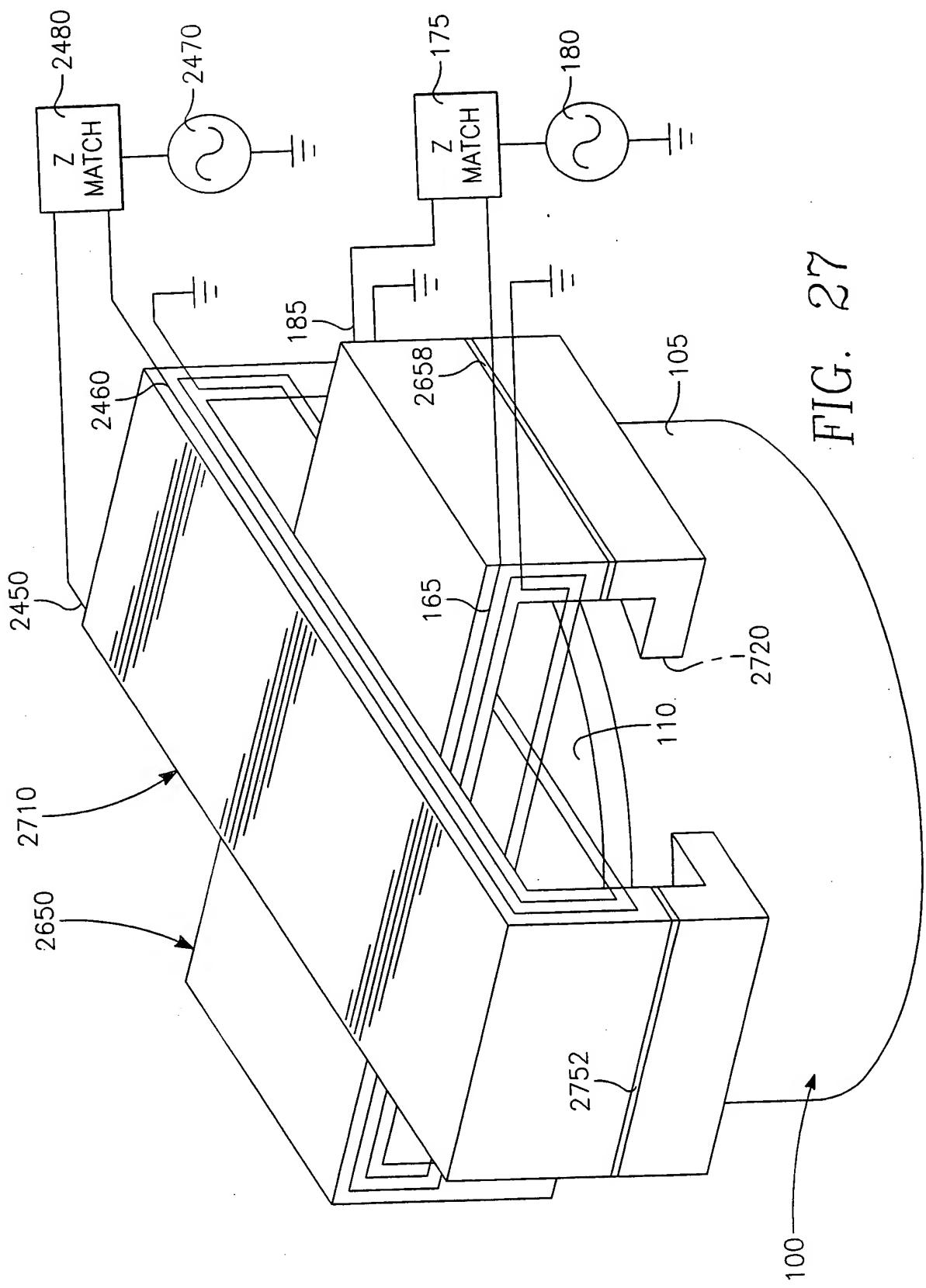
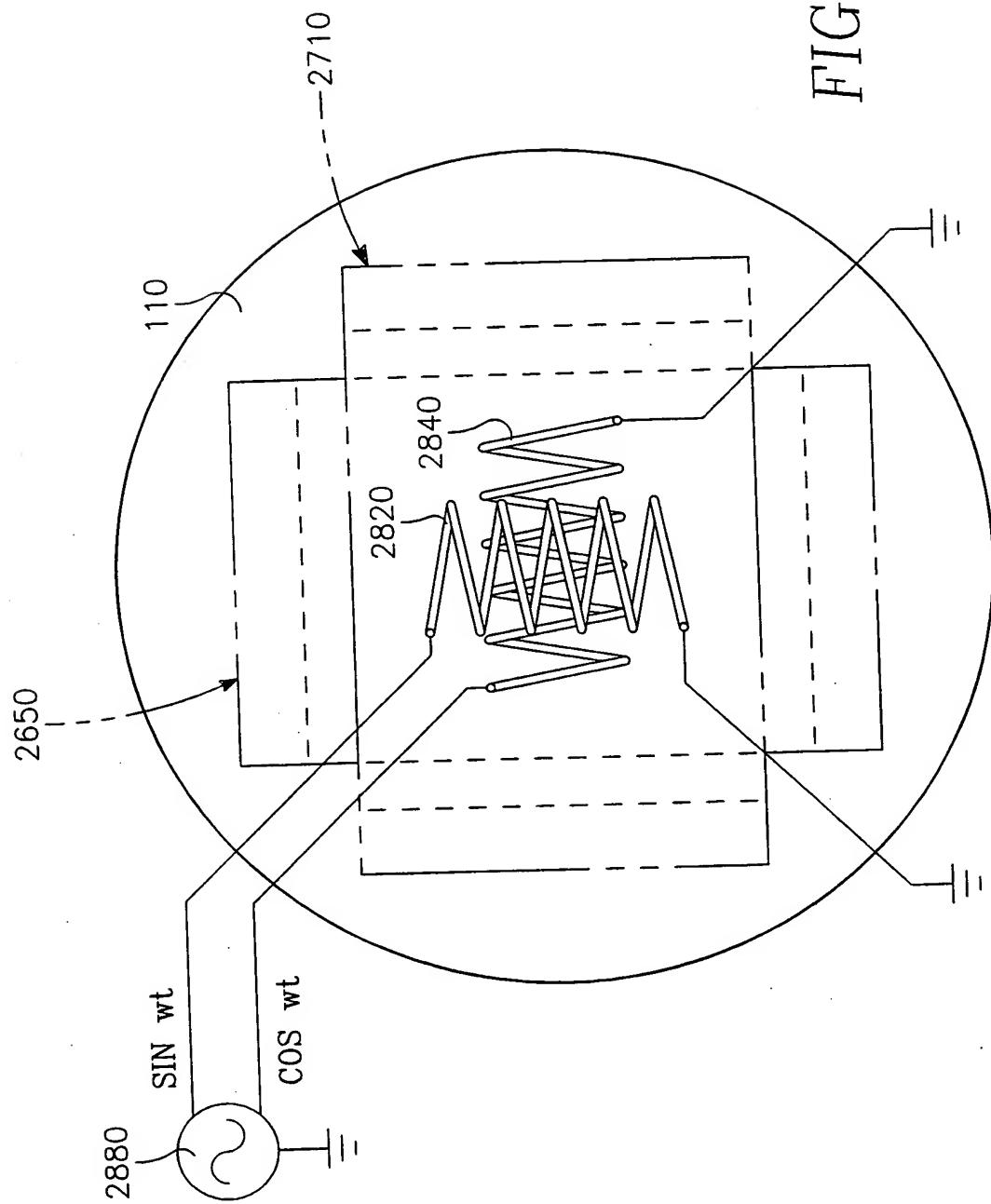


FIG. 28A



24/85

28B

FIG.

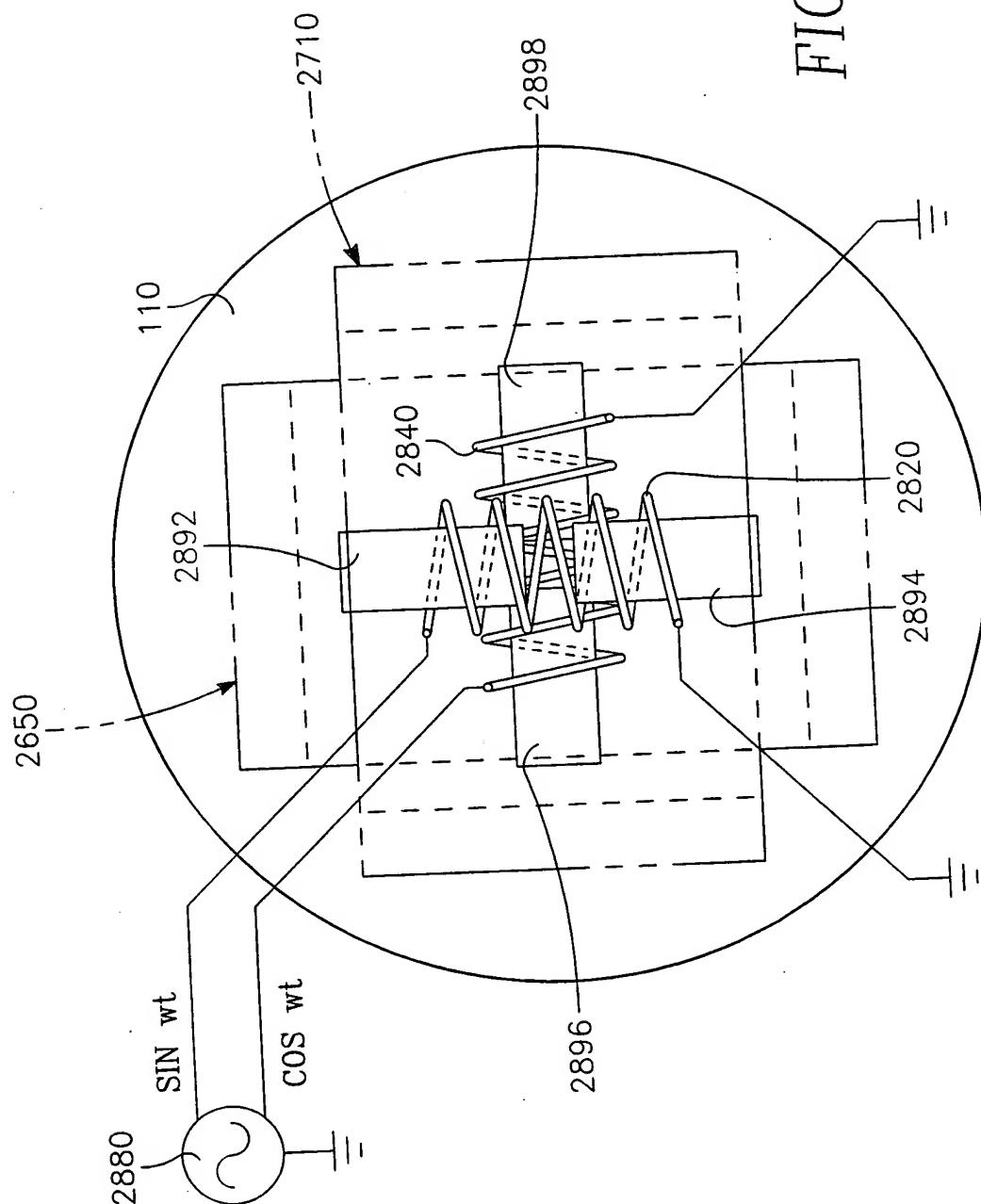
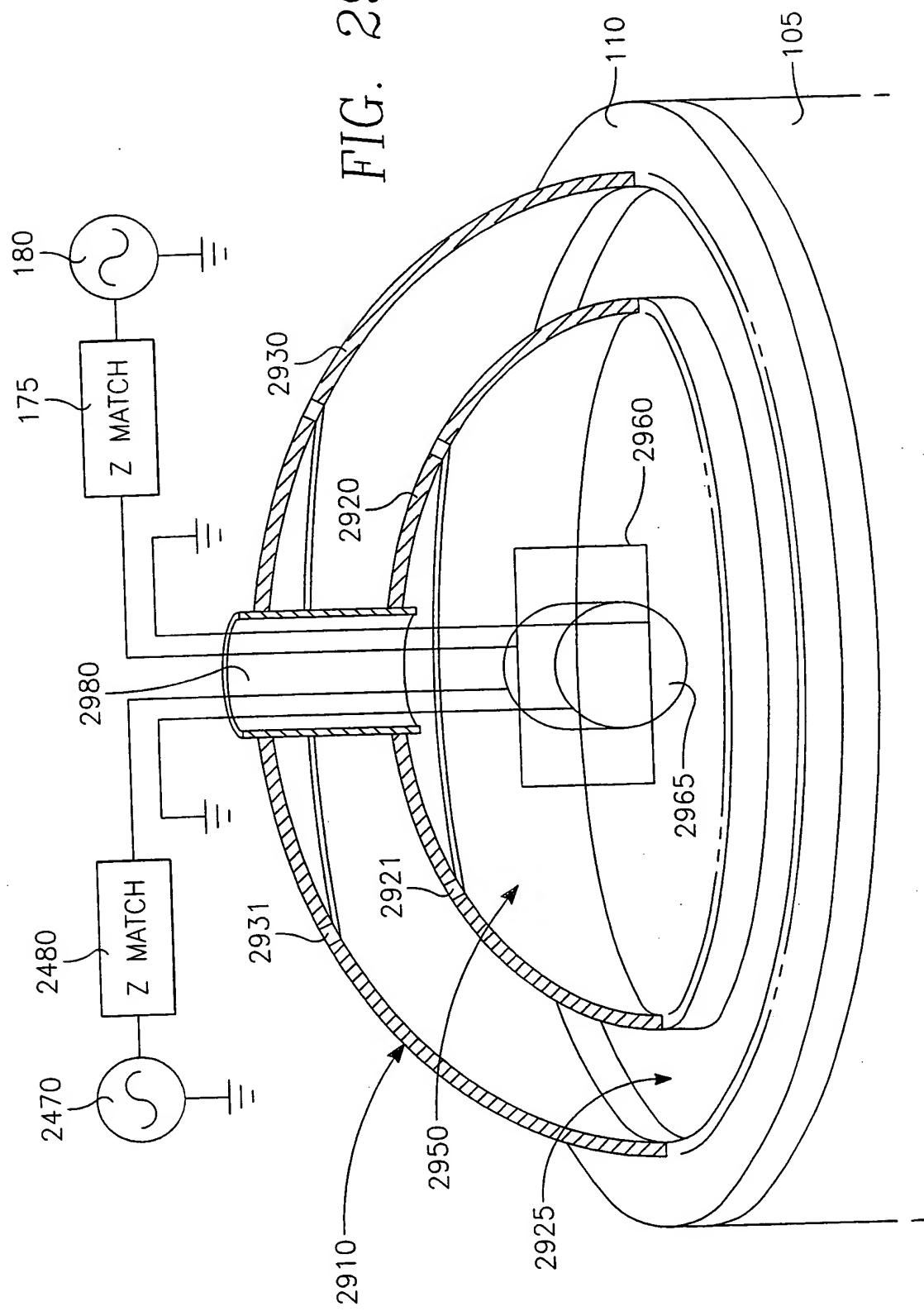


FIG. 29



26/85

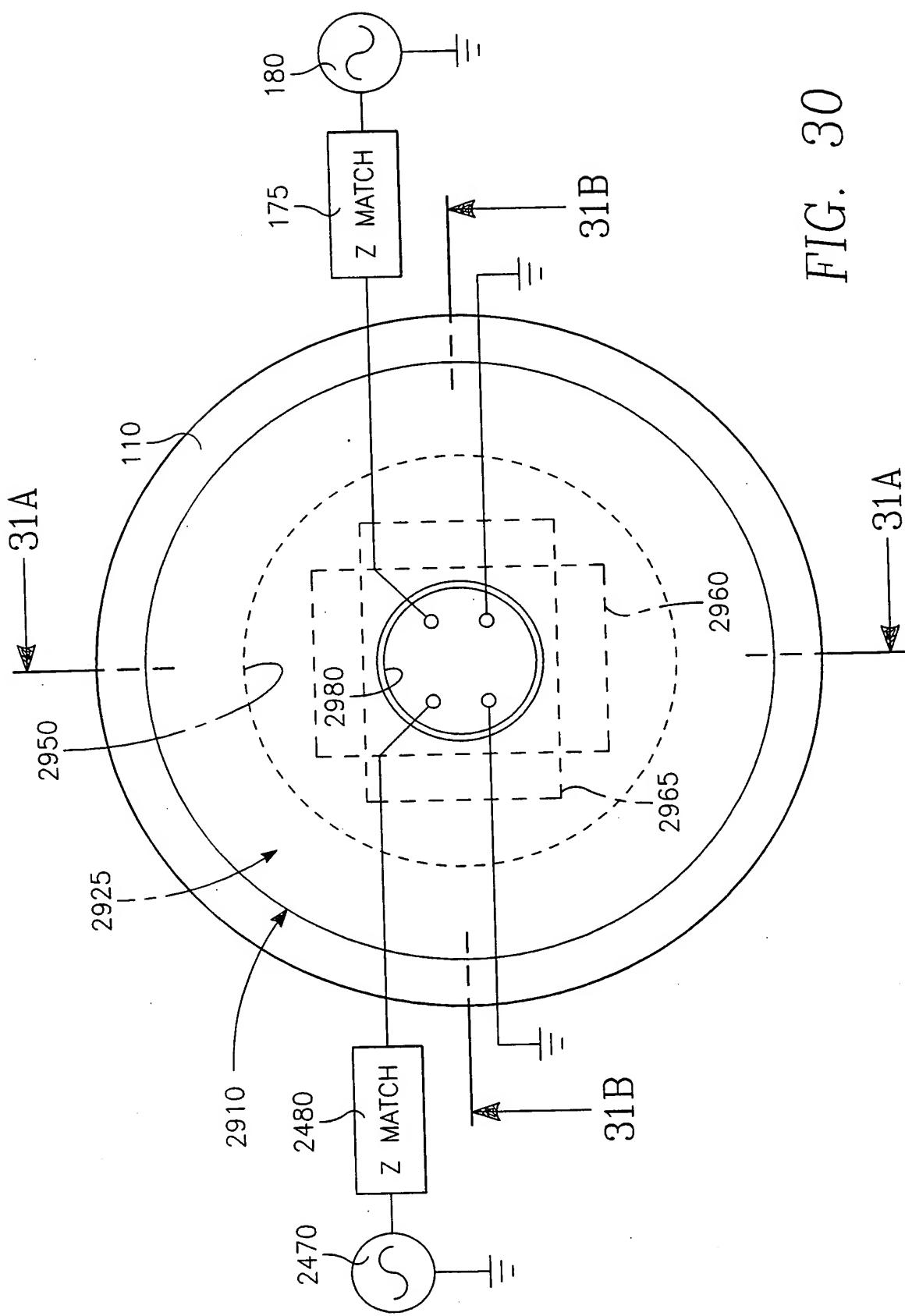


FIG. 30

27/85

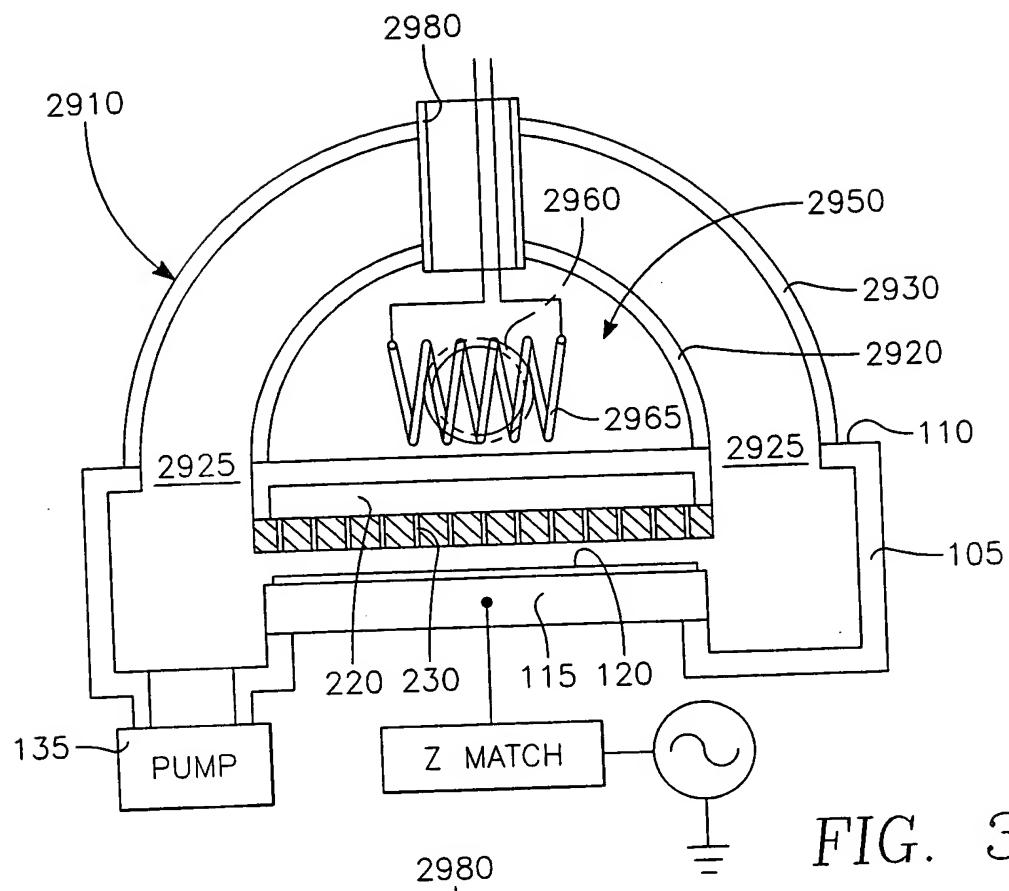


FIG. 31A

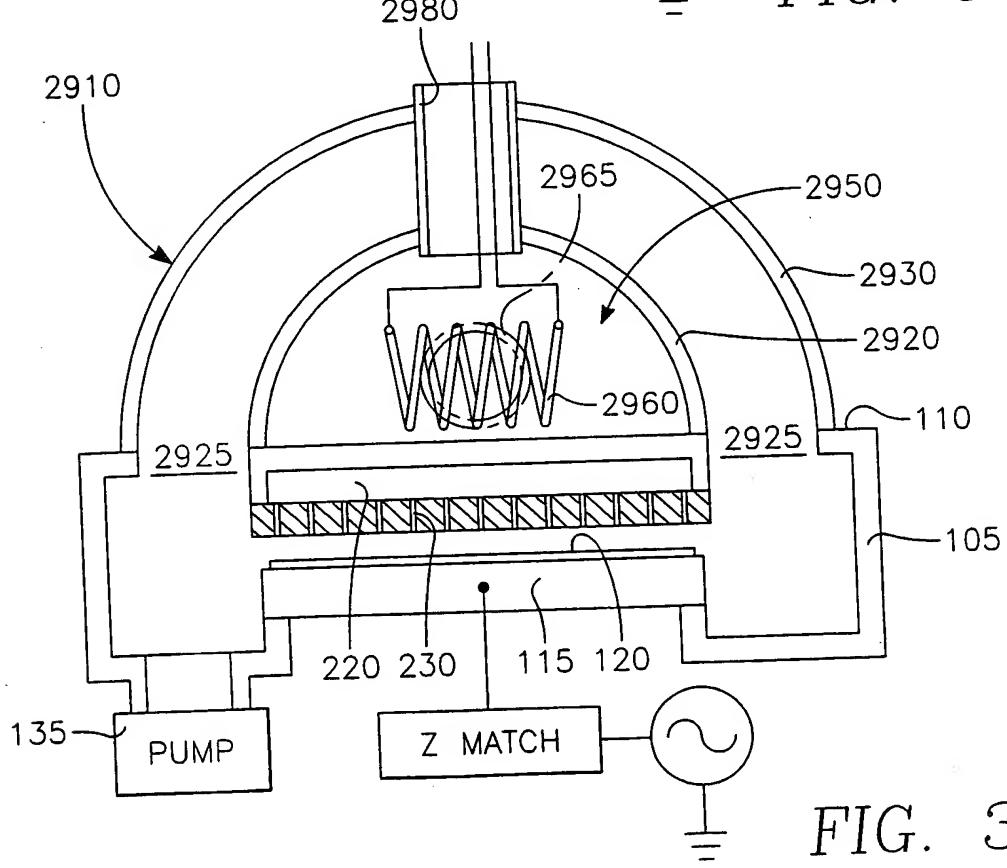


FIG. 31B

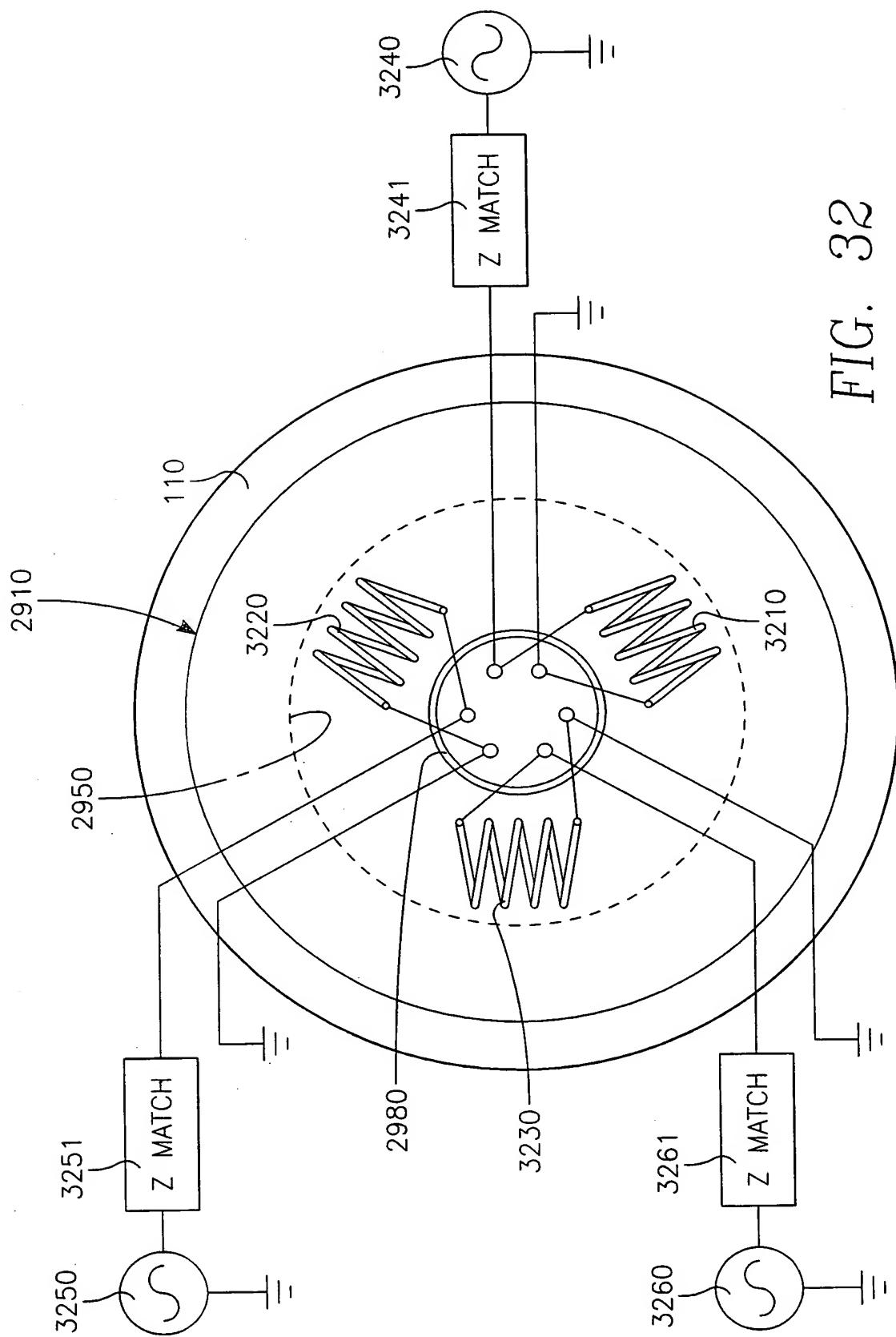


FIG. 32

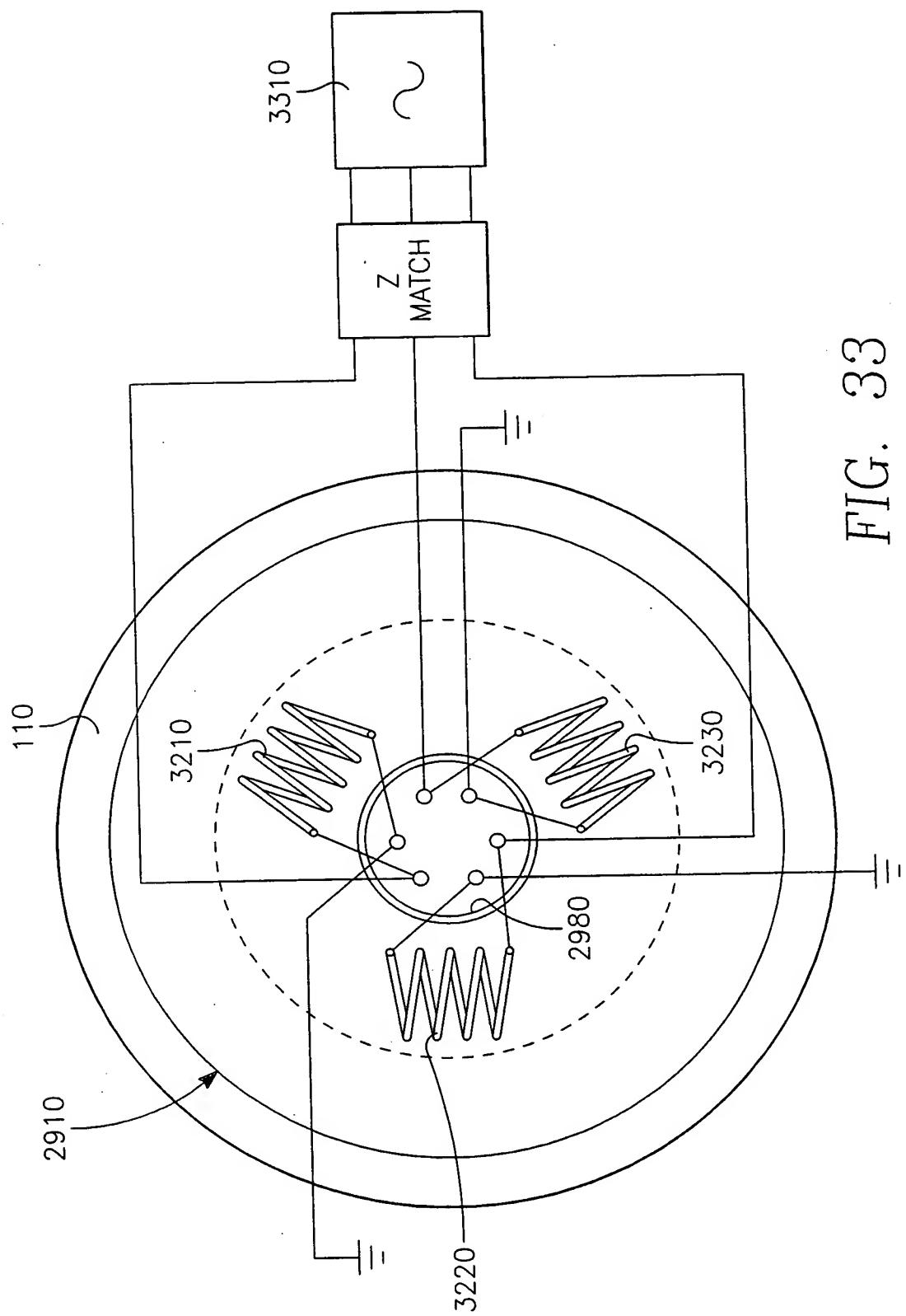
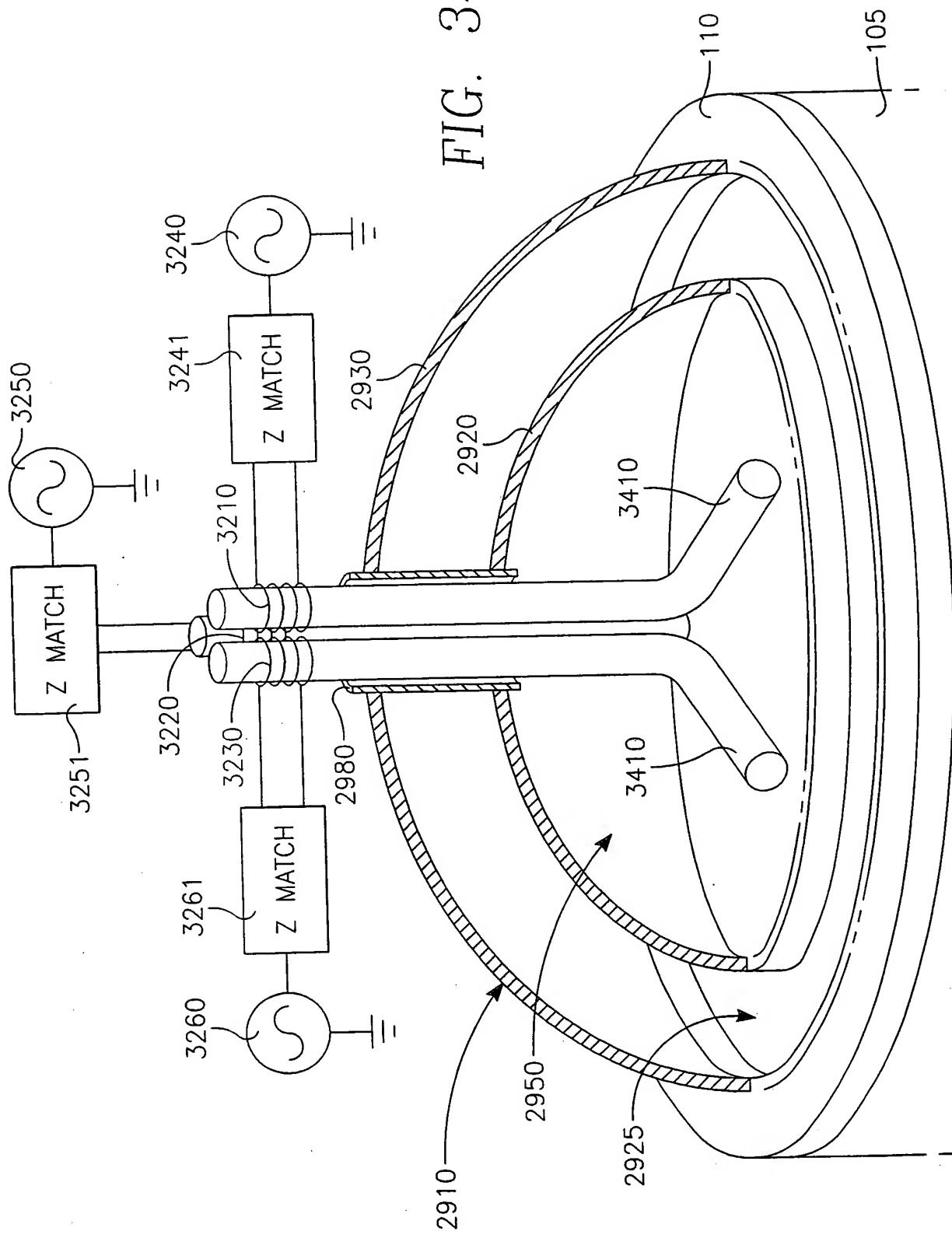


FIG. 34



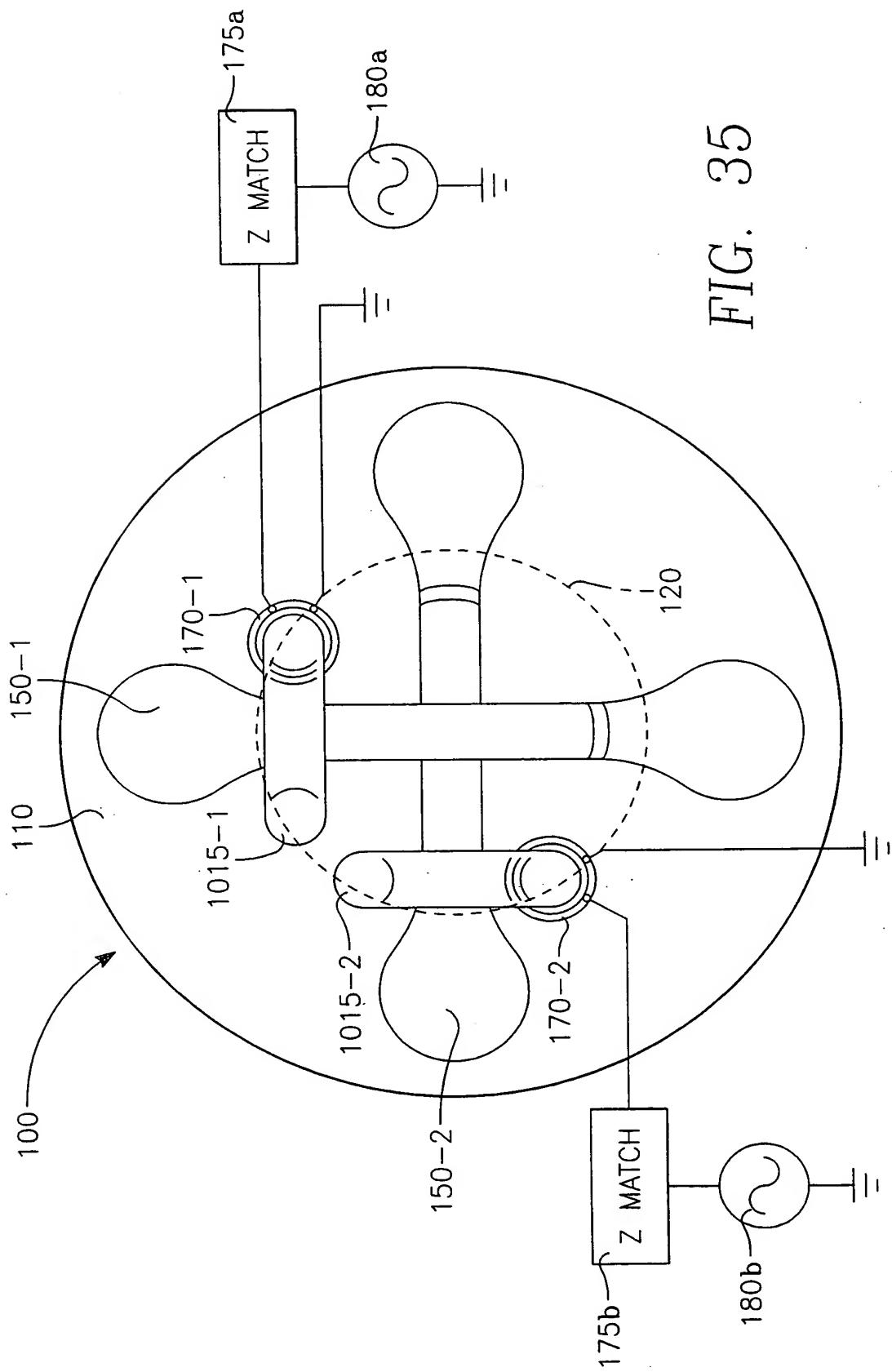


FIG. 35

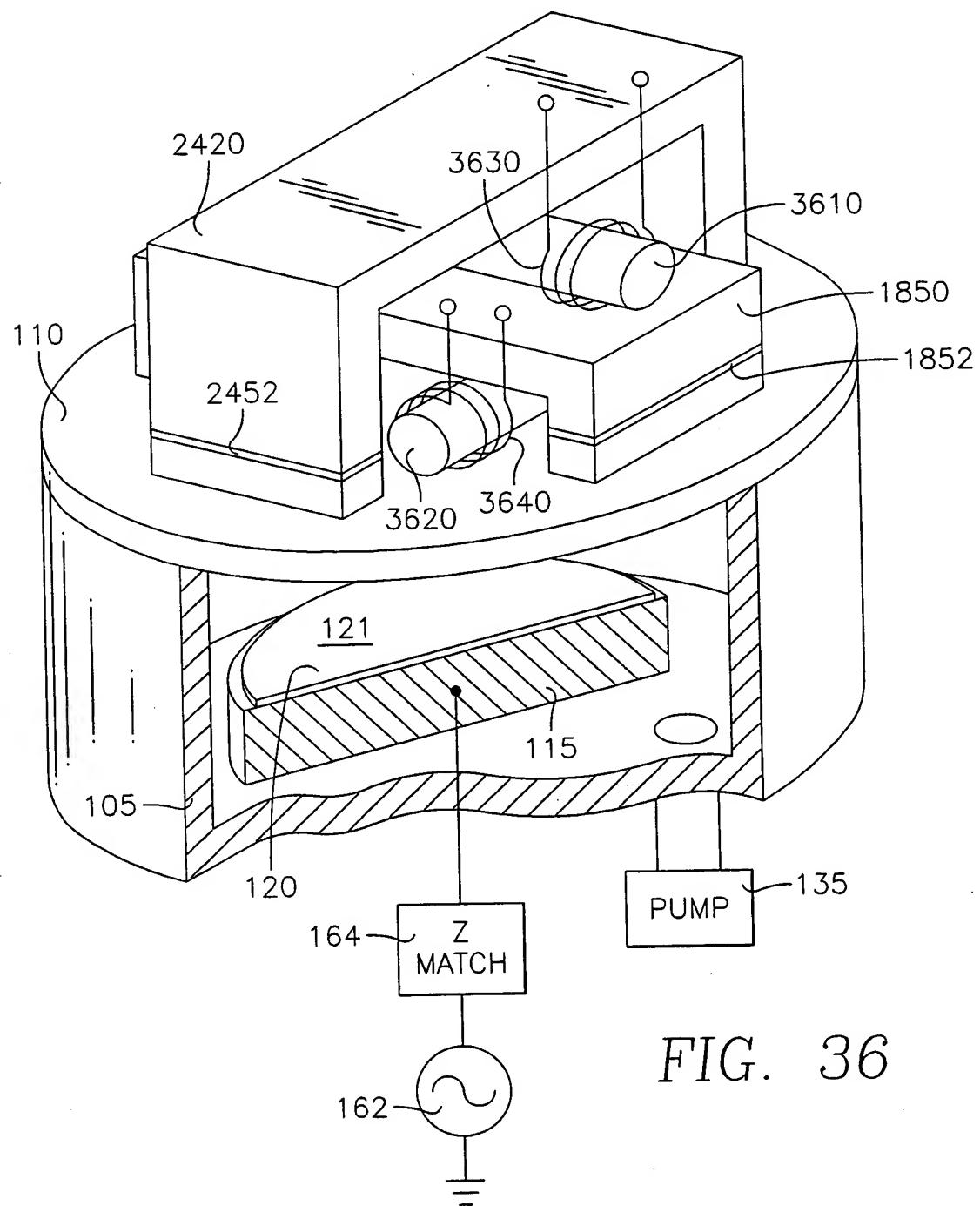


FIG. 36

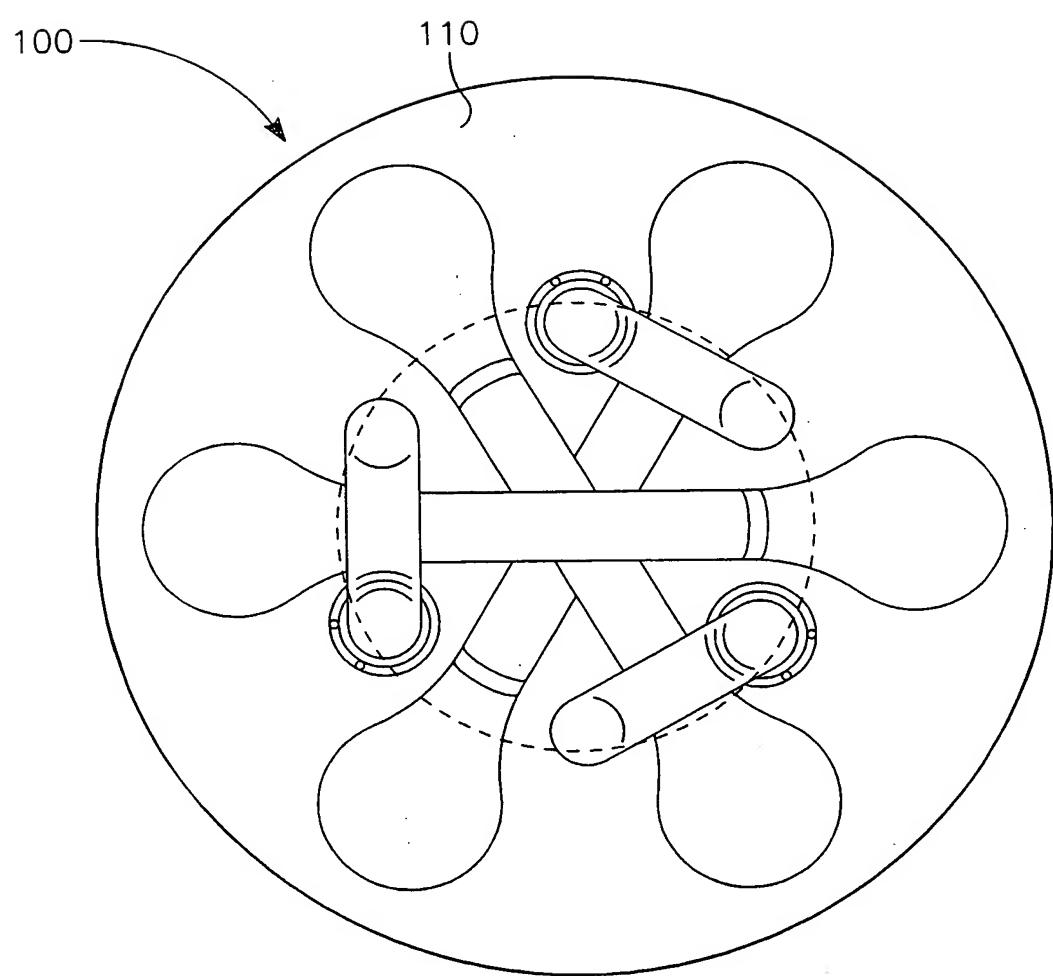


FIG. 37

34/85

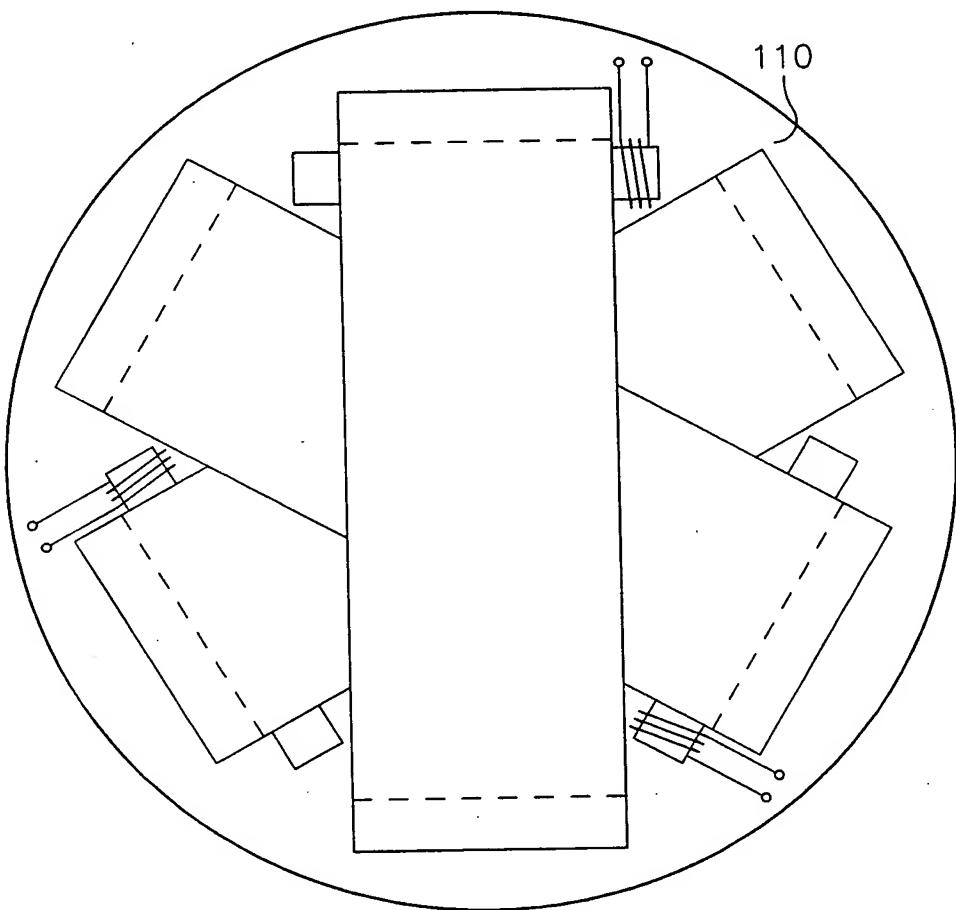
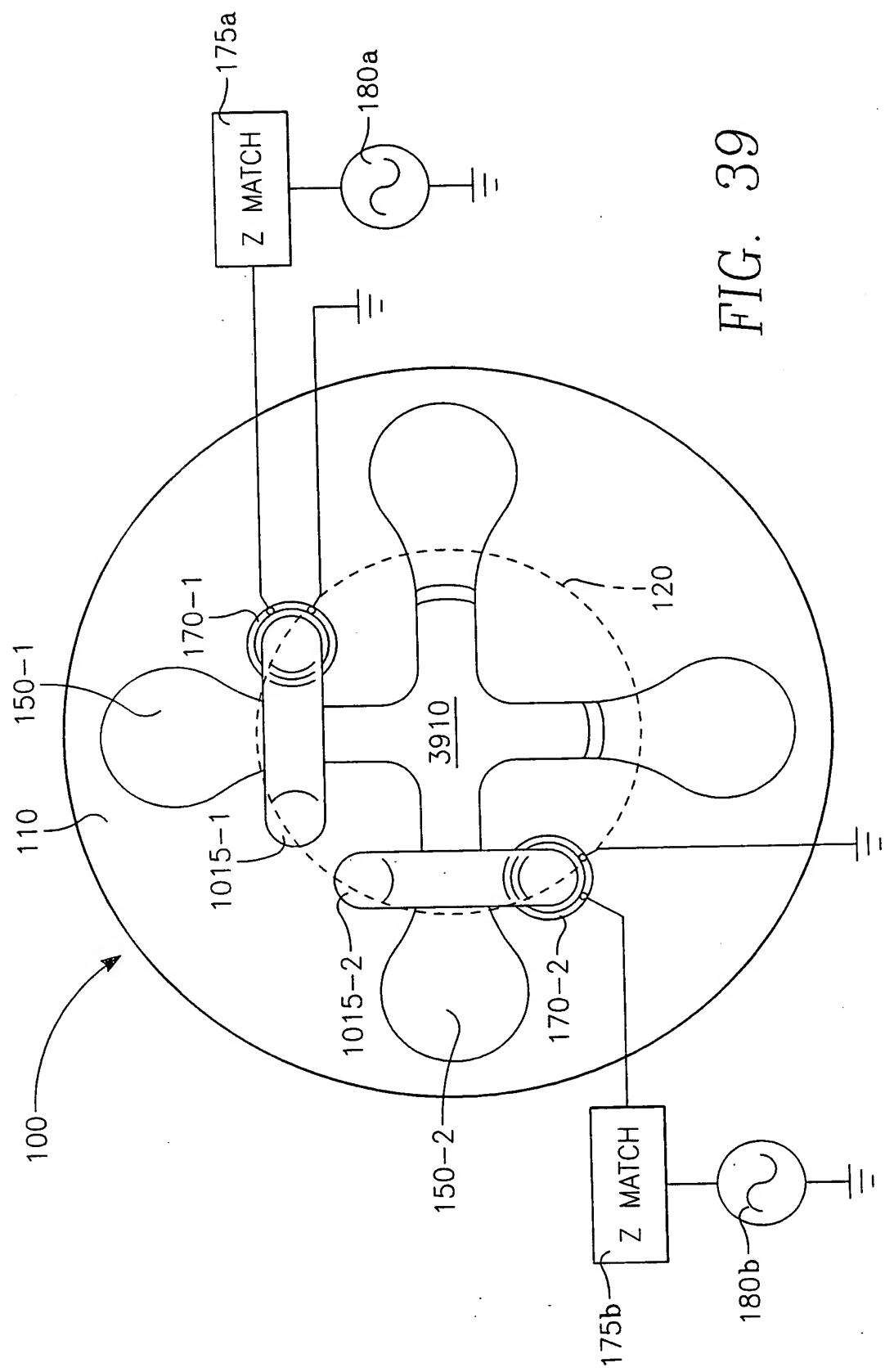


FIG. 38



36/85

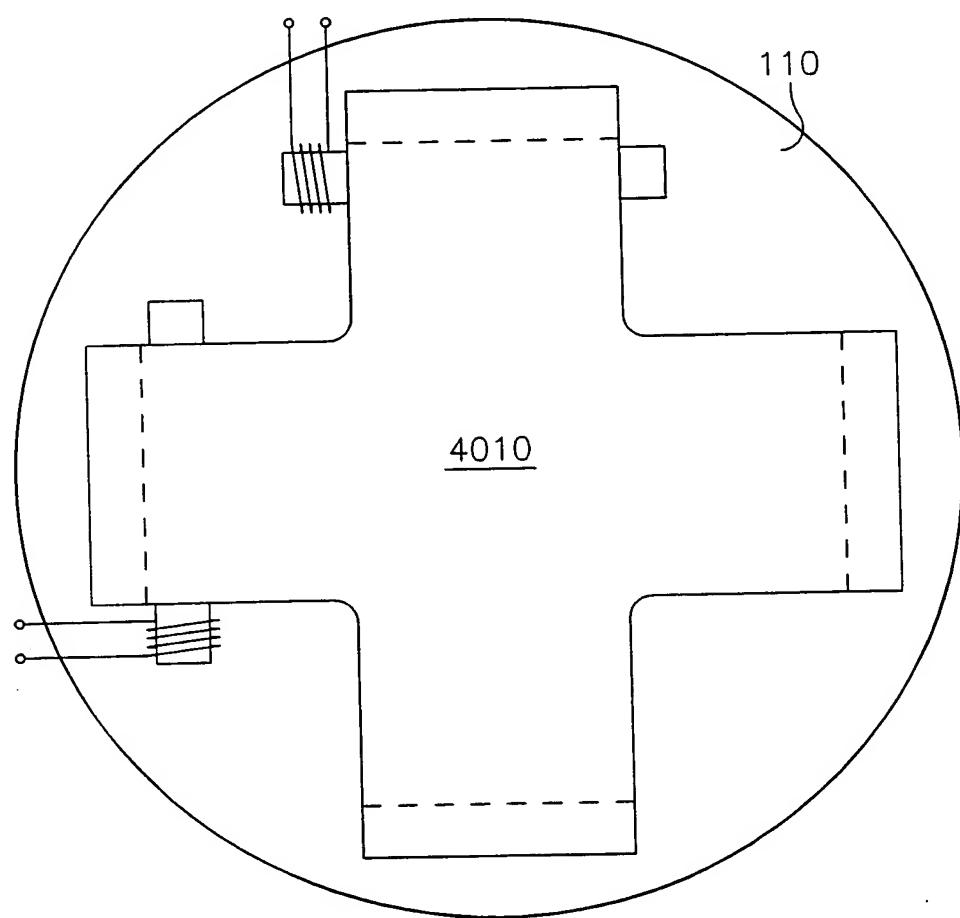


FIG. 40

37/85

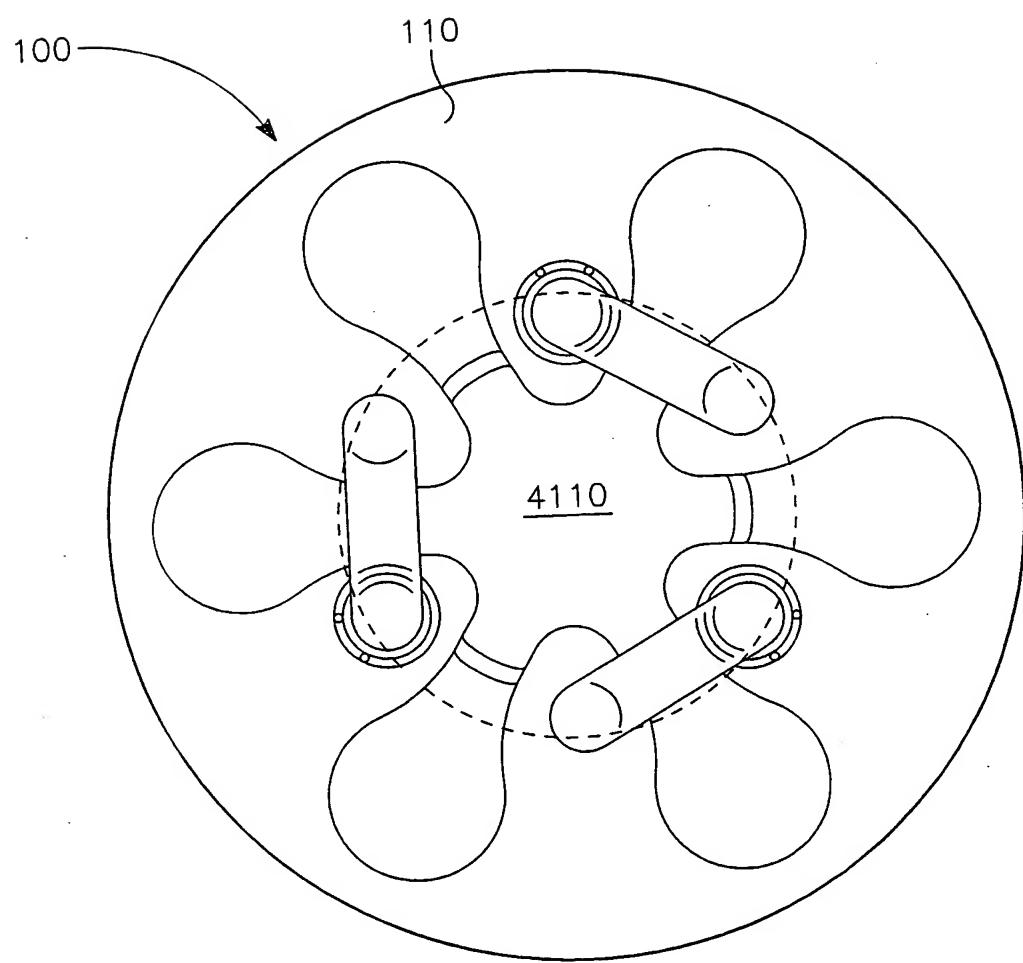


FIG. 41

38/85

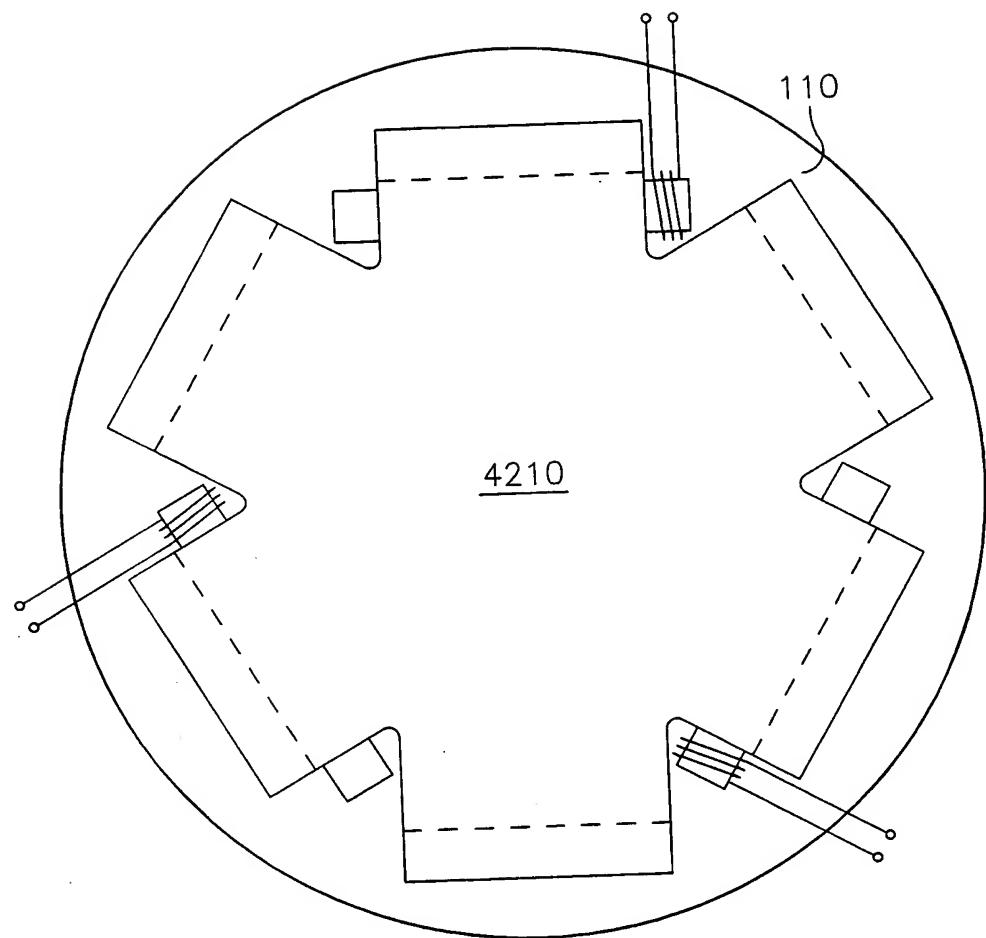
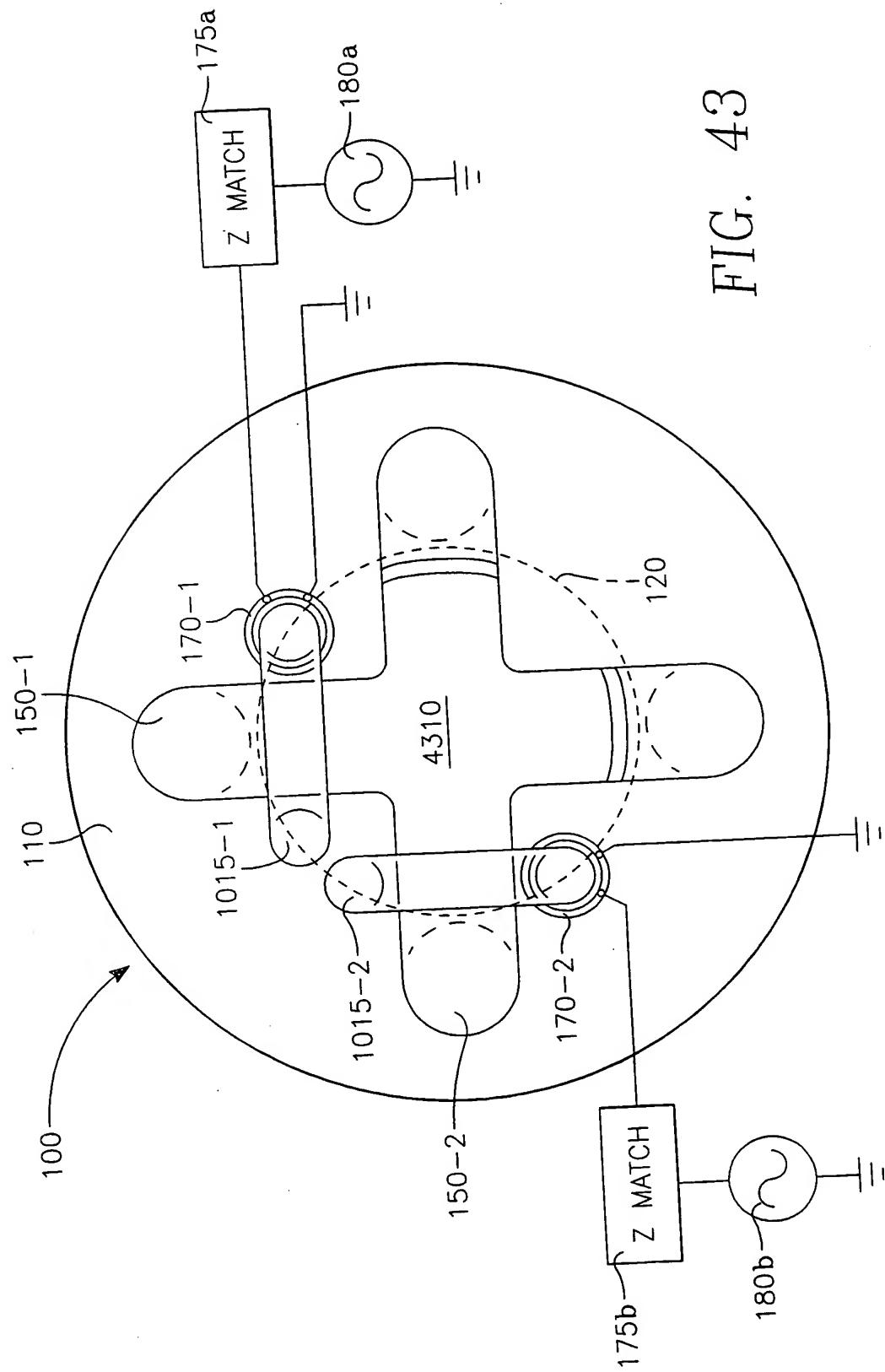


FIG. 42



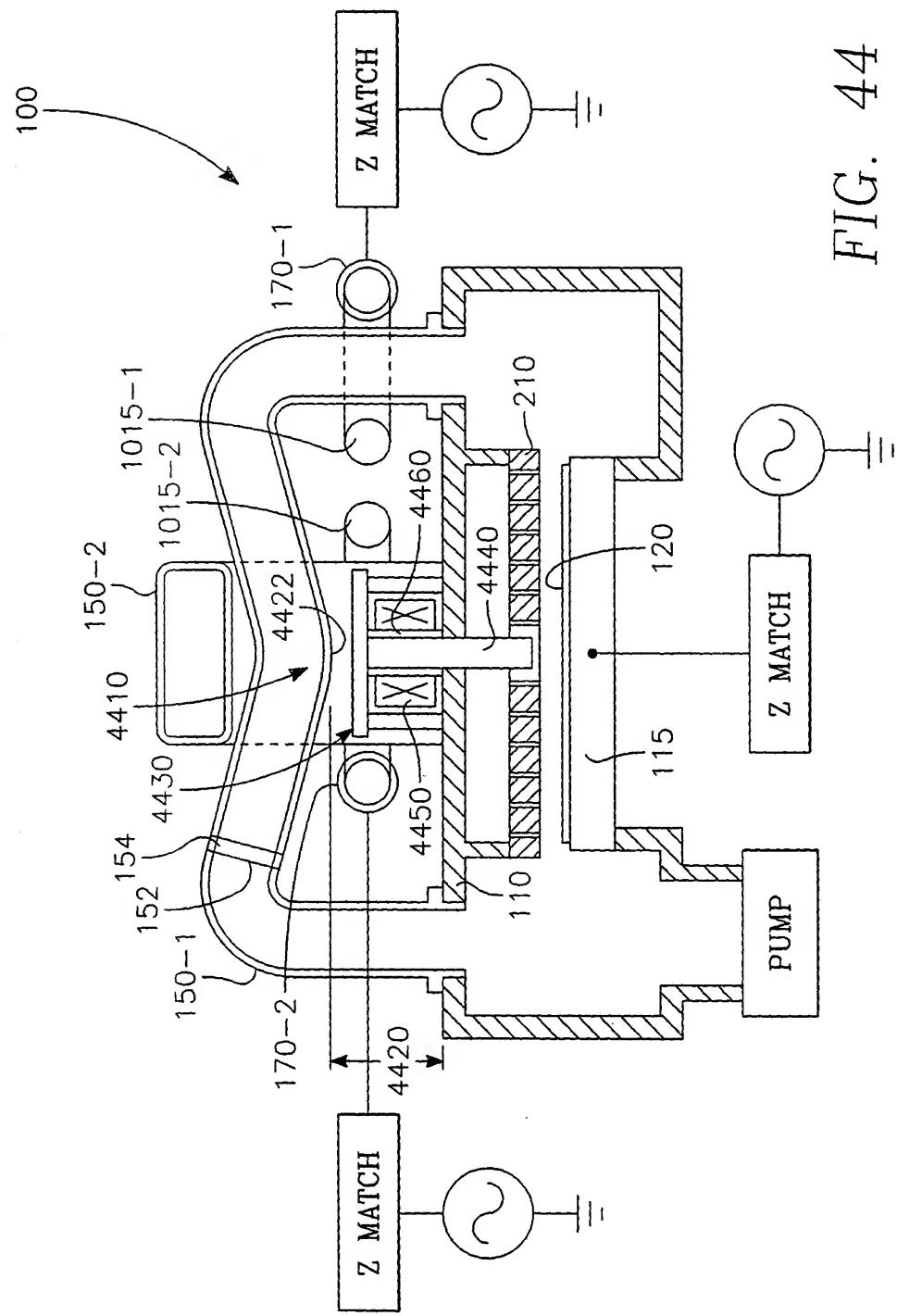


FIG. 44

41 / 85

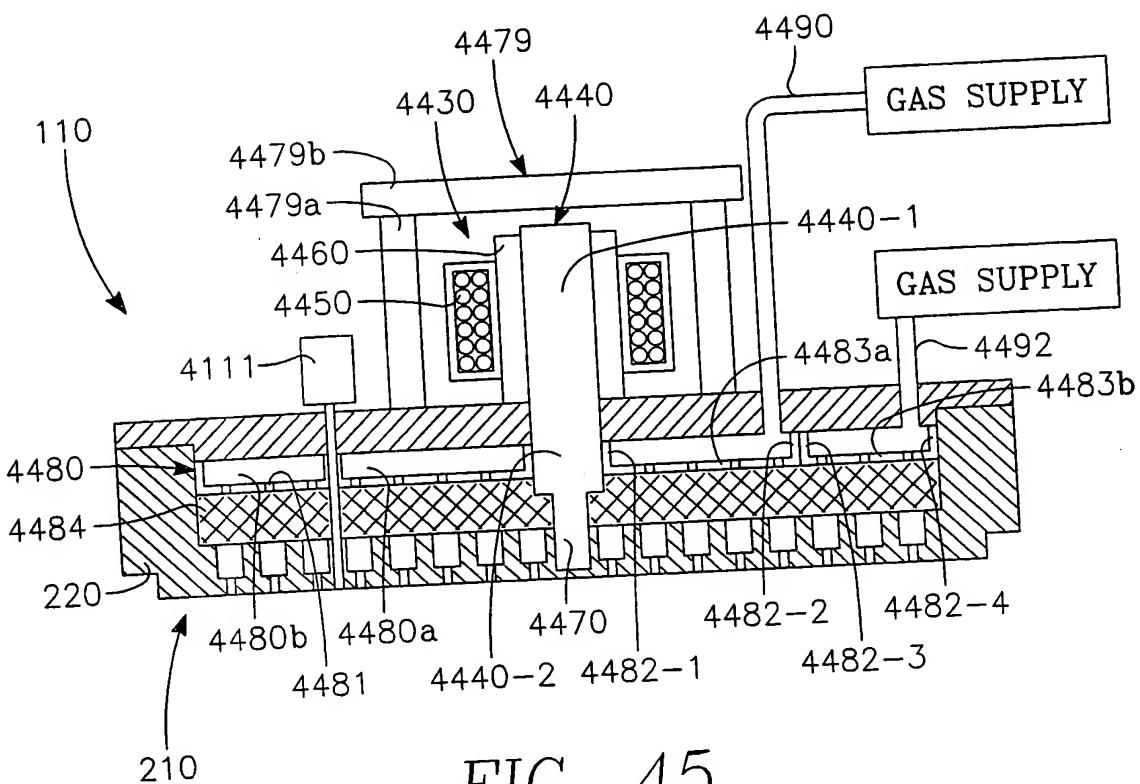


FIG. 45

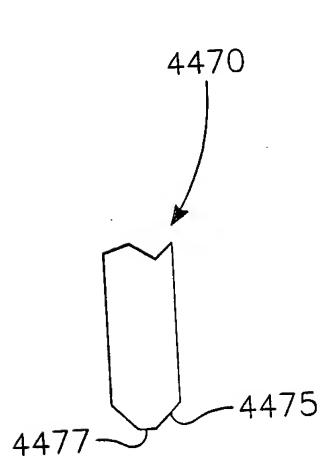


FIG. 46

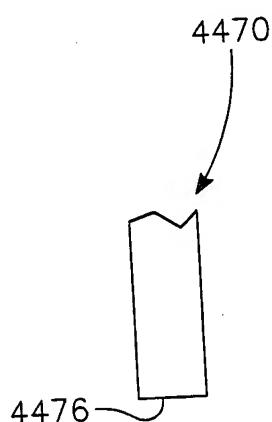


FIG. 47

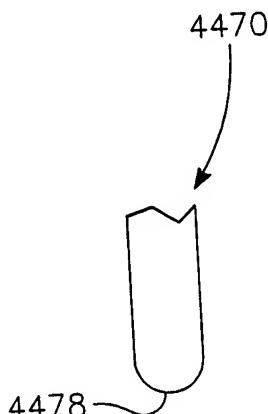


FIG. 48

42/85

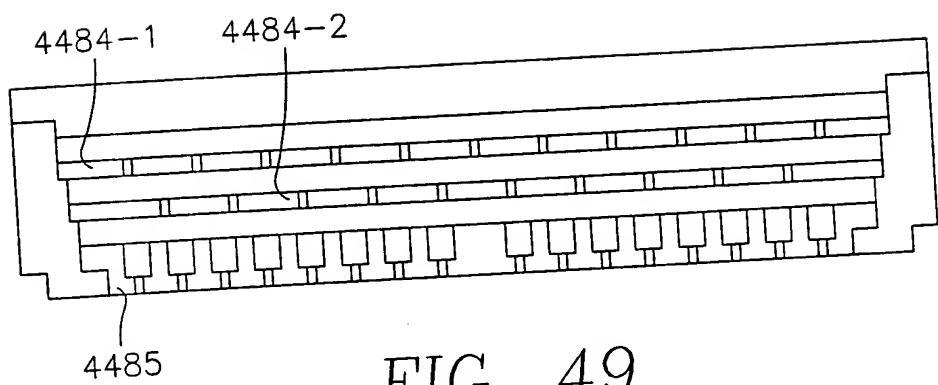


FIG. 49

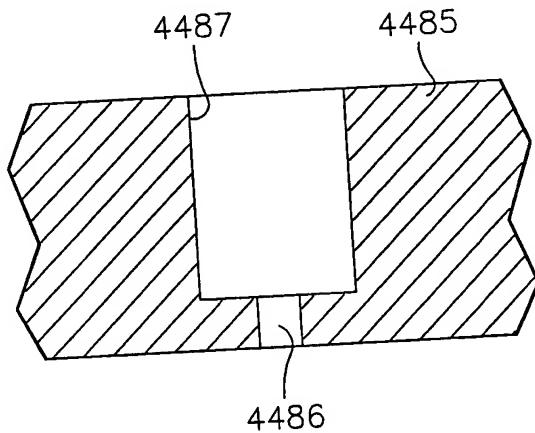


FIG. 50

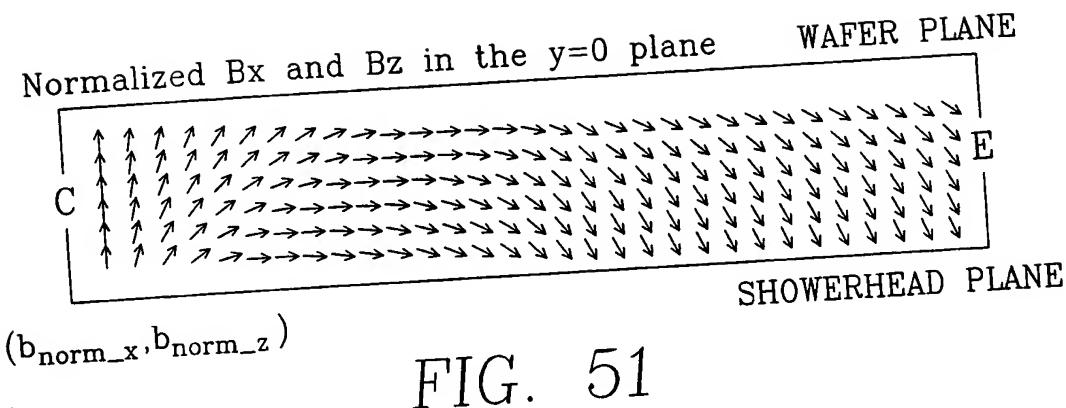


FIG. 51

- B_r measured = 7 gauss at wafer plane, 1 in. off-center (peak)

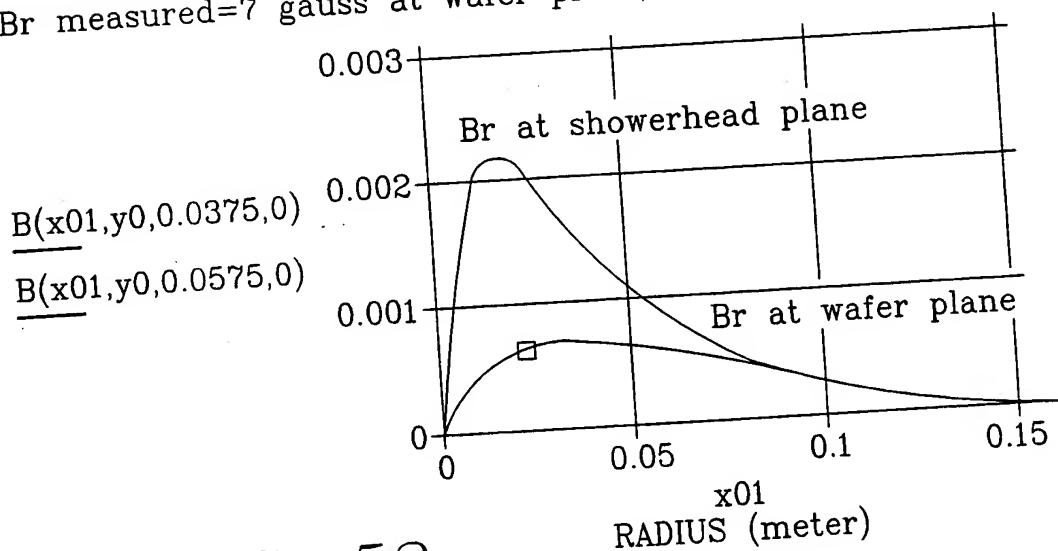


FIG. 52

44/85

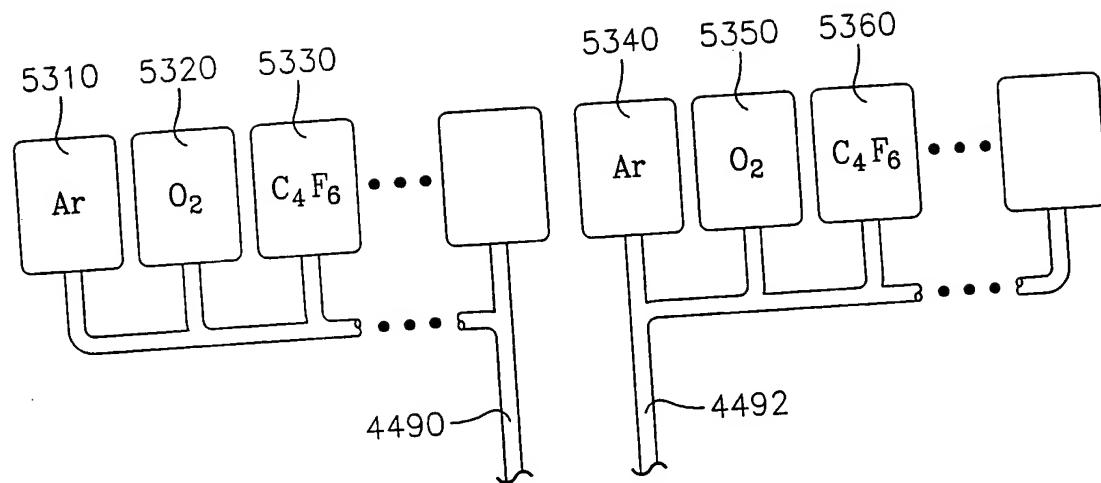


FIG. 53

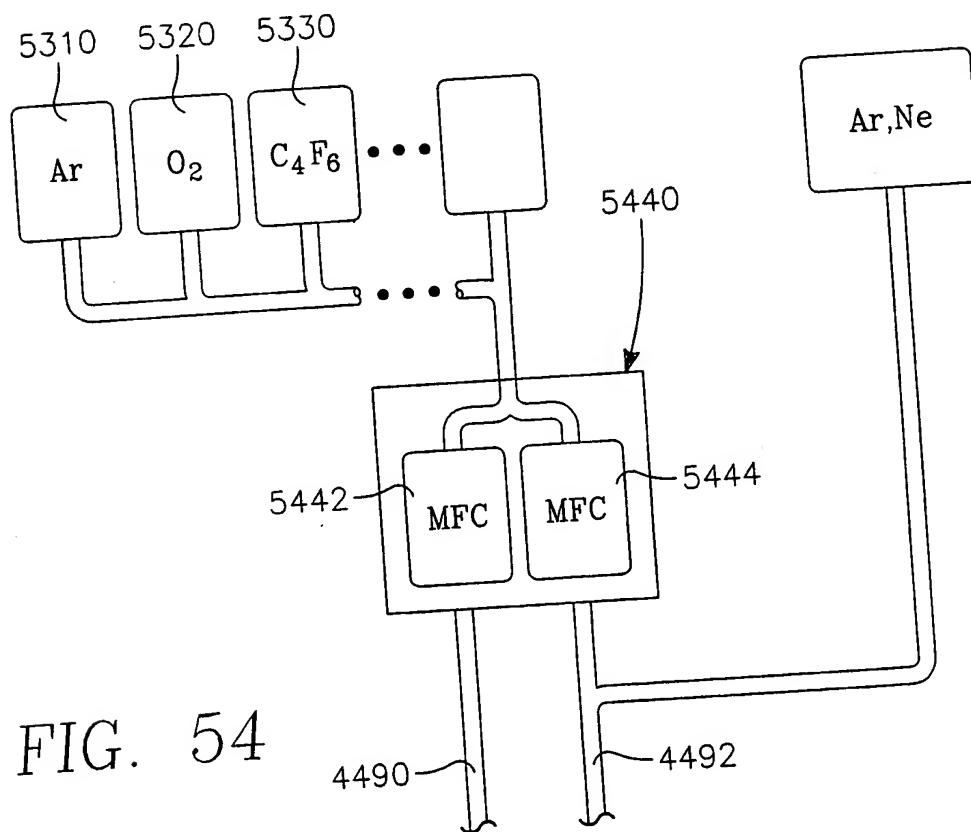


FIG. 54

45/85

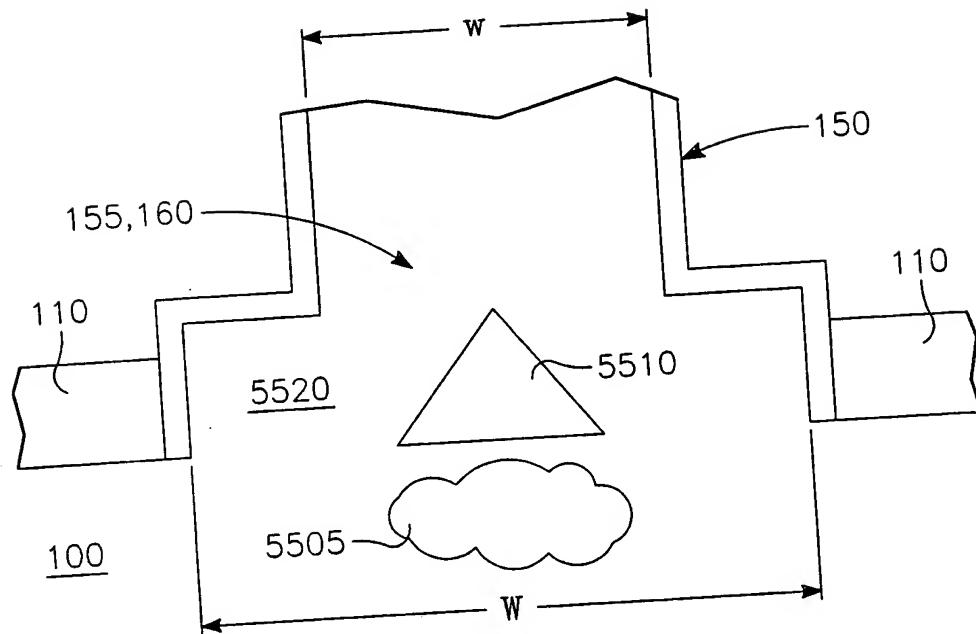


FIG. 55A

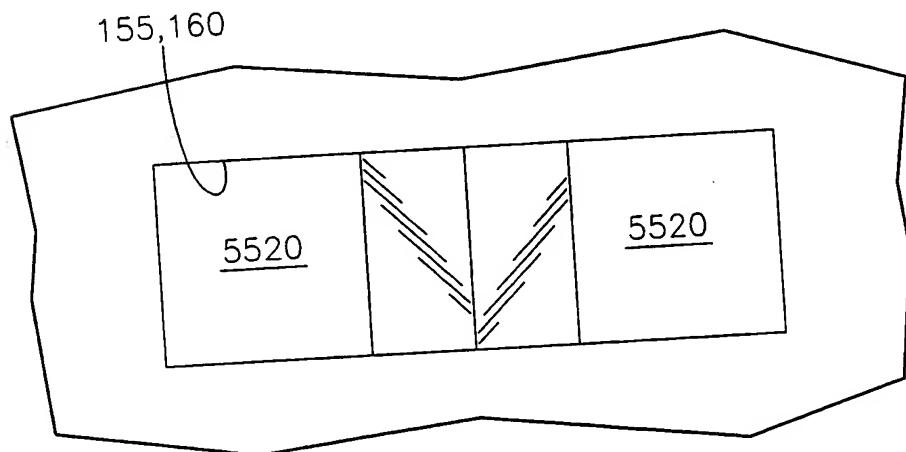


FIG. 55B

46/85

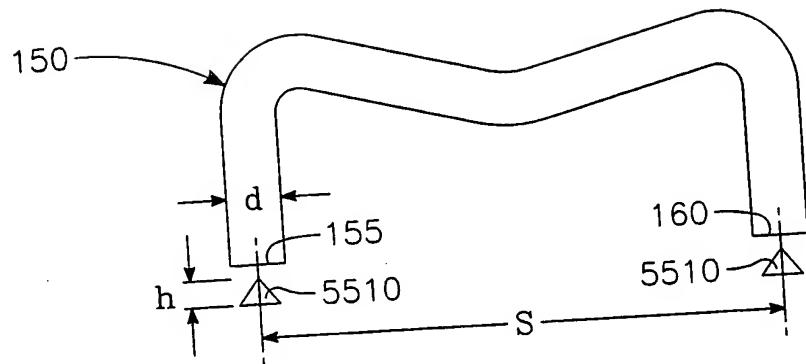


FIG. 56A

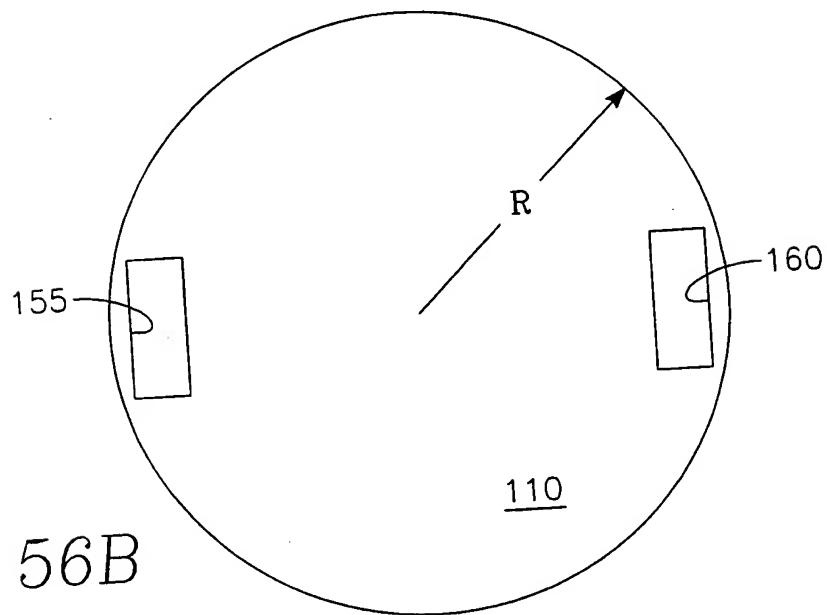


FIG. 56B

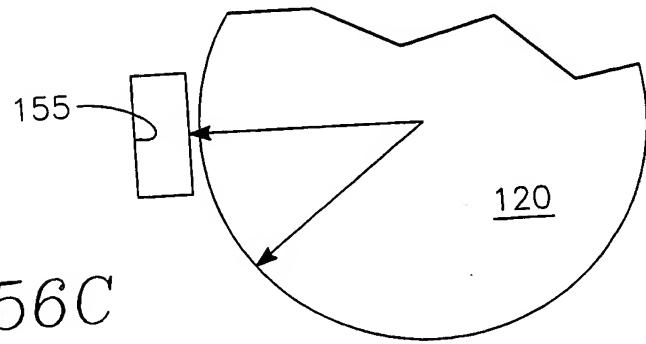


FIG. 56C

47/85

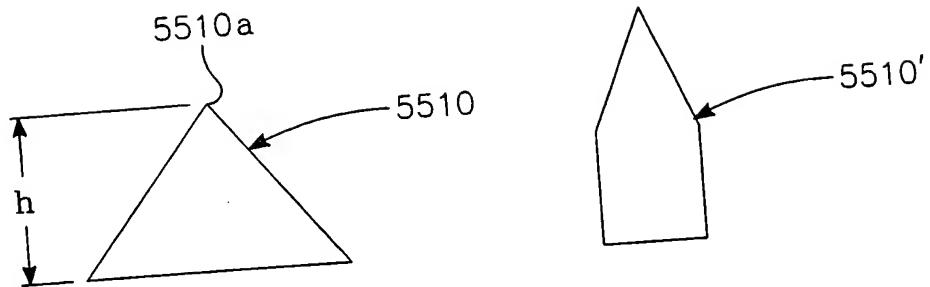


FIG. 57

FIG. 58

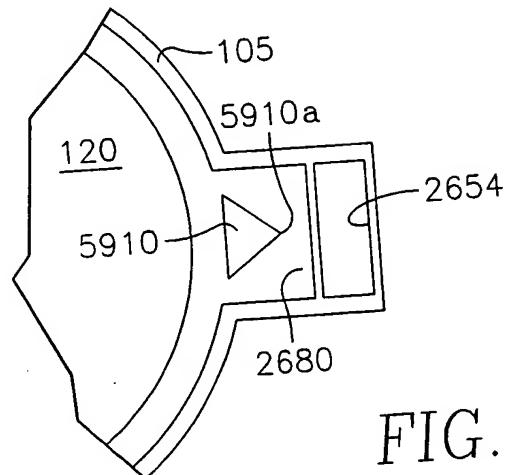


FIG. 59A

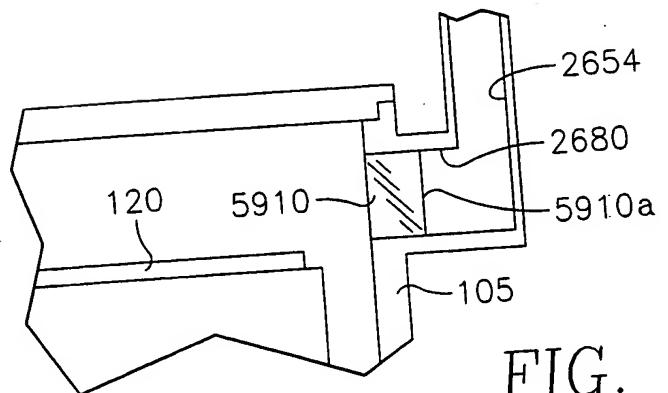


FIG. 59B

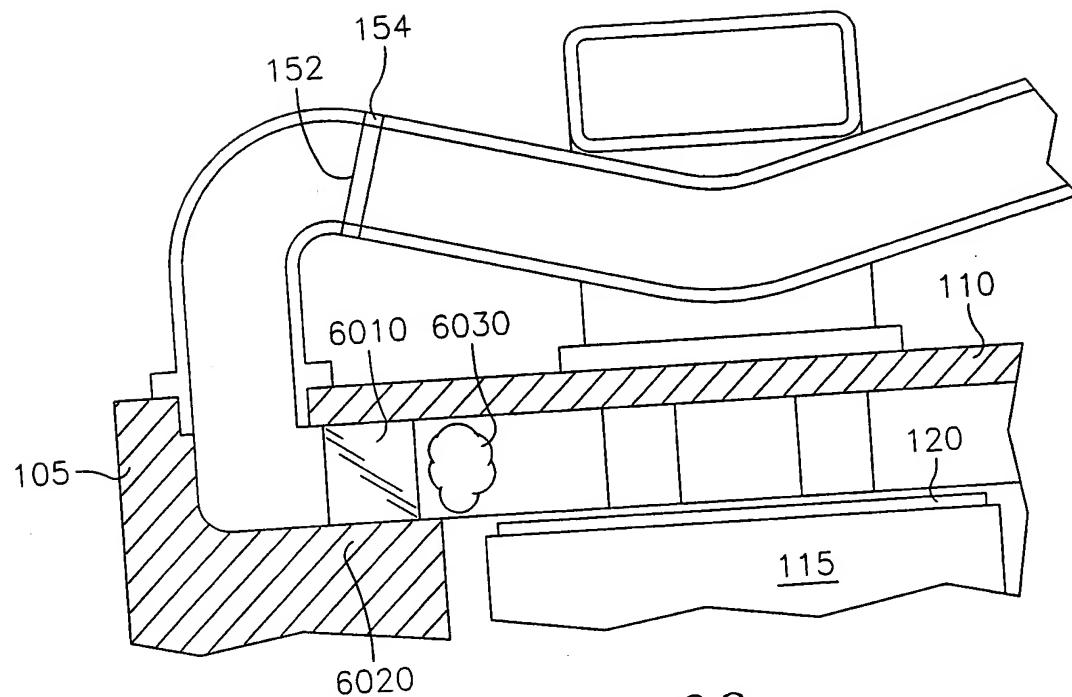


FIG. 60

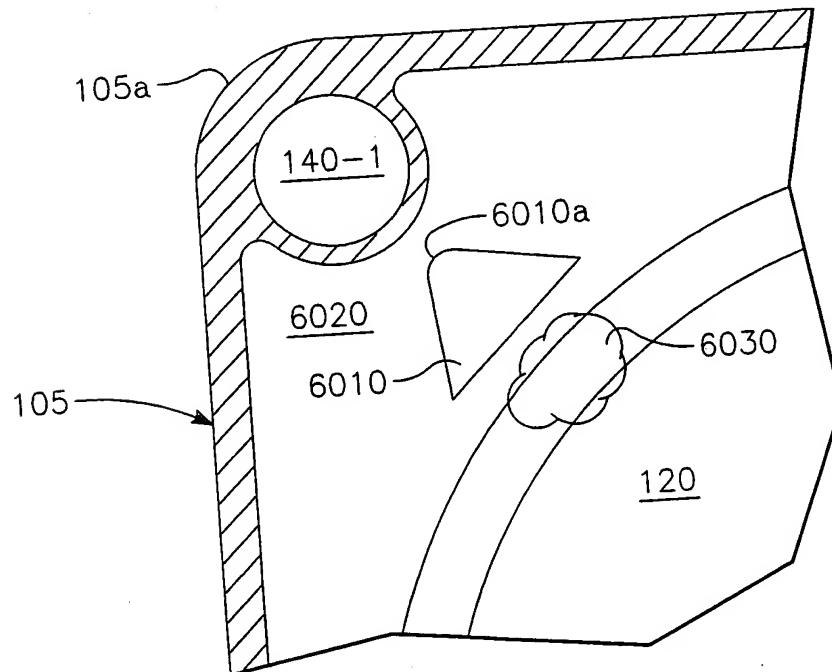


FIG. 61

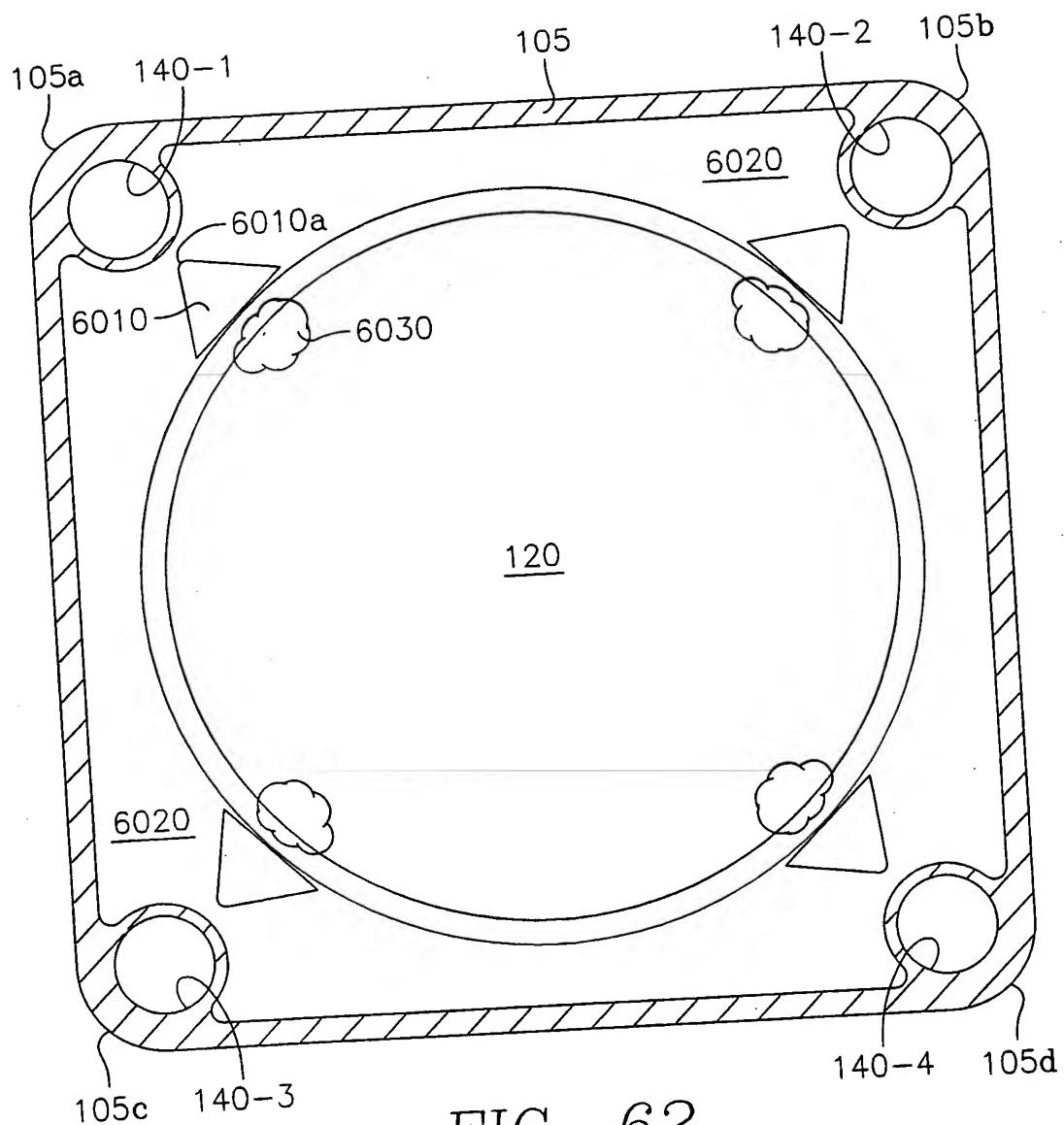


FIG. 62

50/85

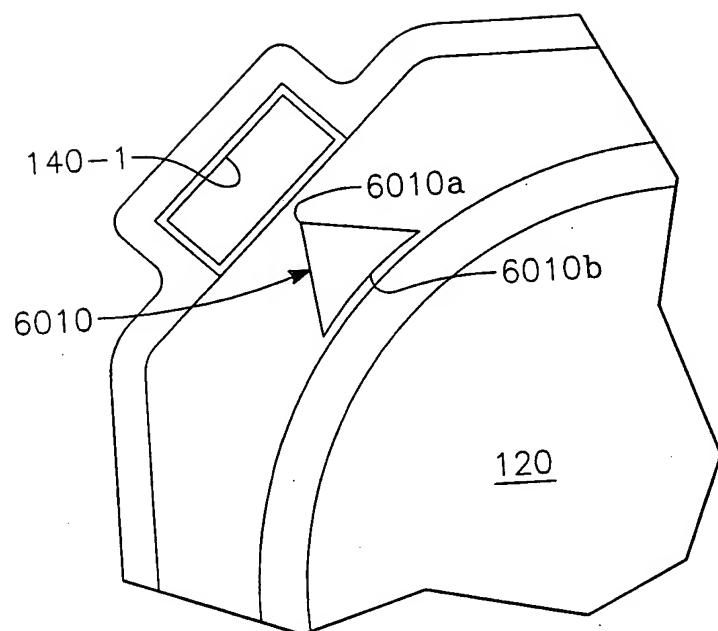


FIG. 63

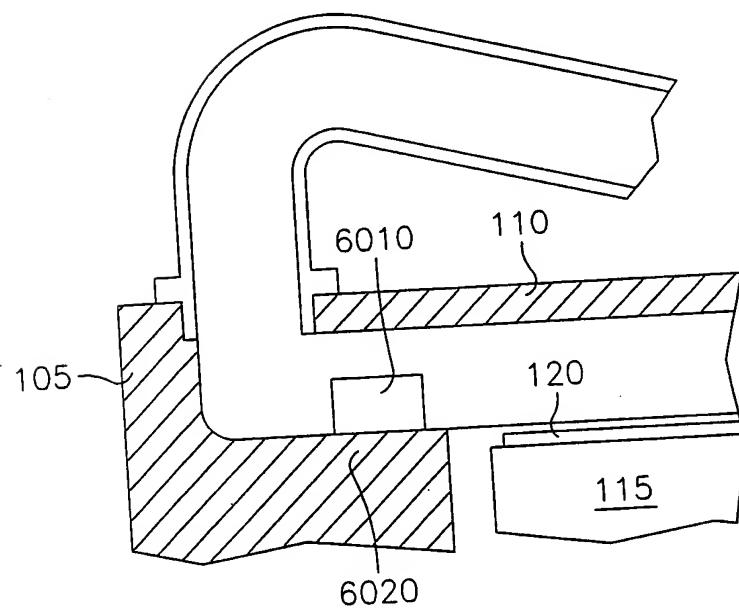


FIG. 64

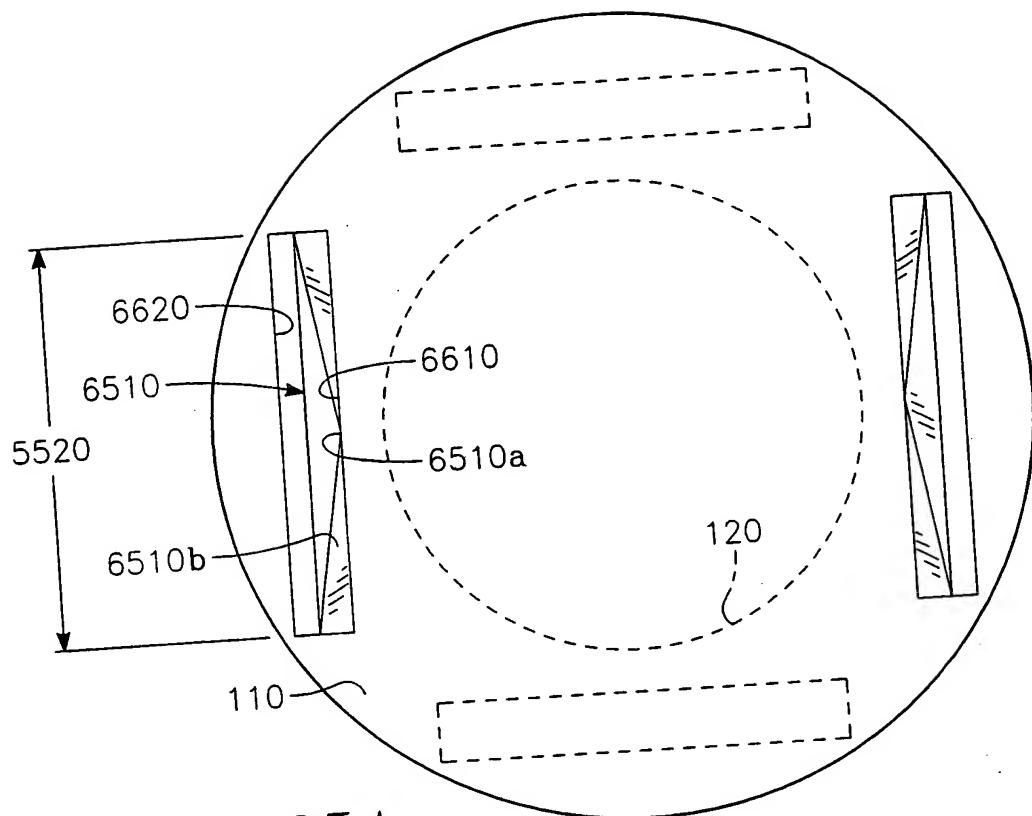


FIG. 65A

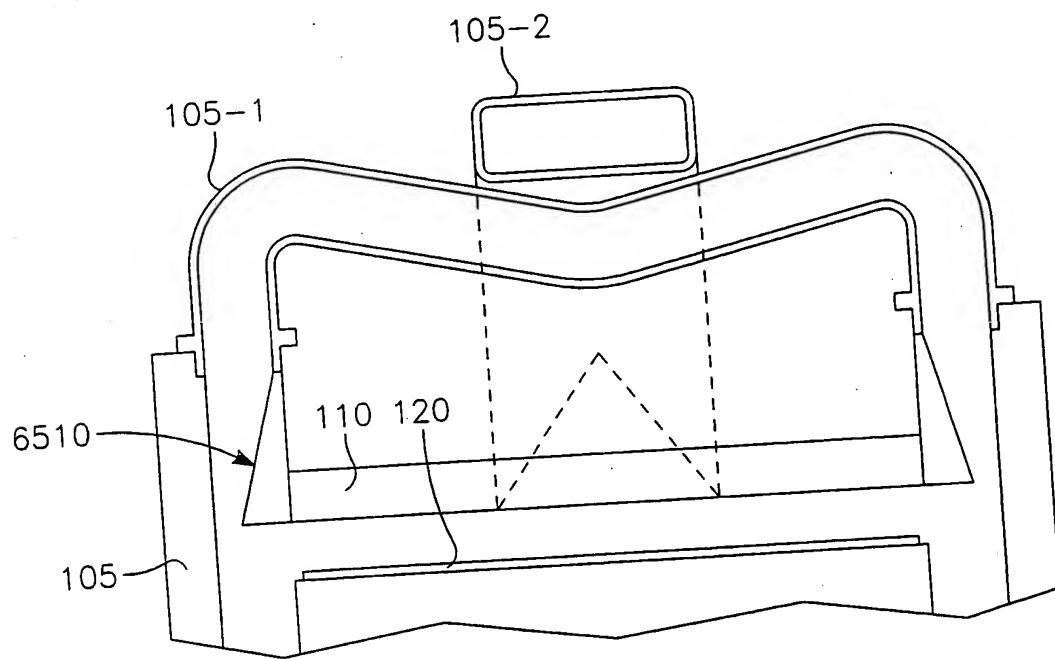


FIG. 65B

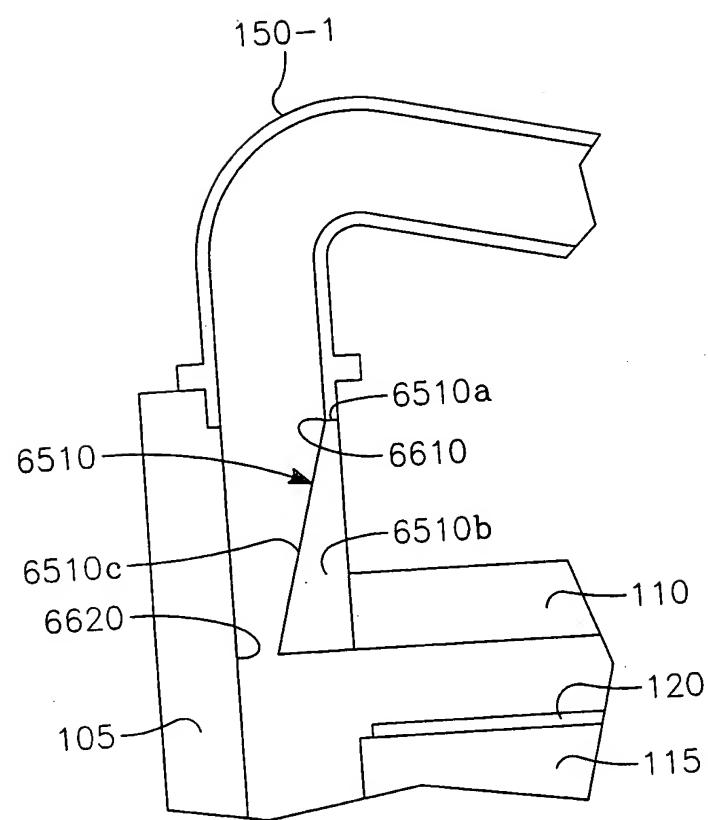


FIG. 66

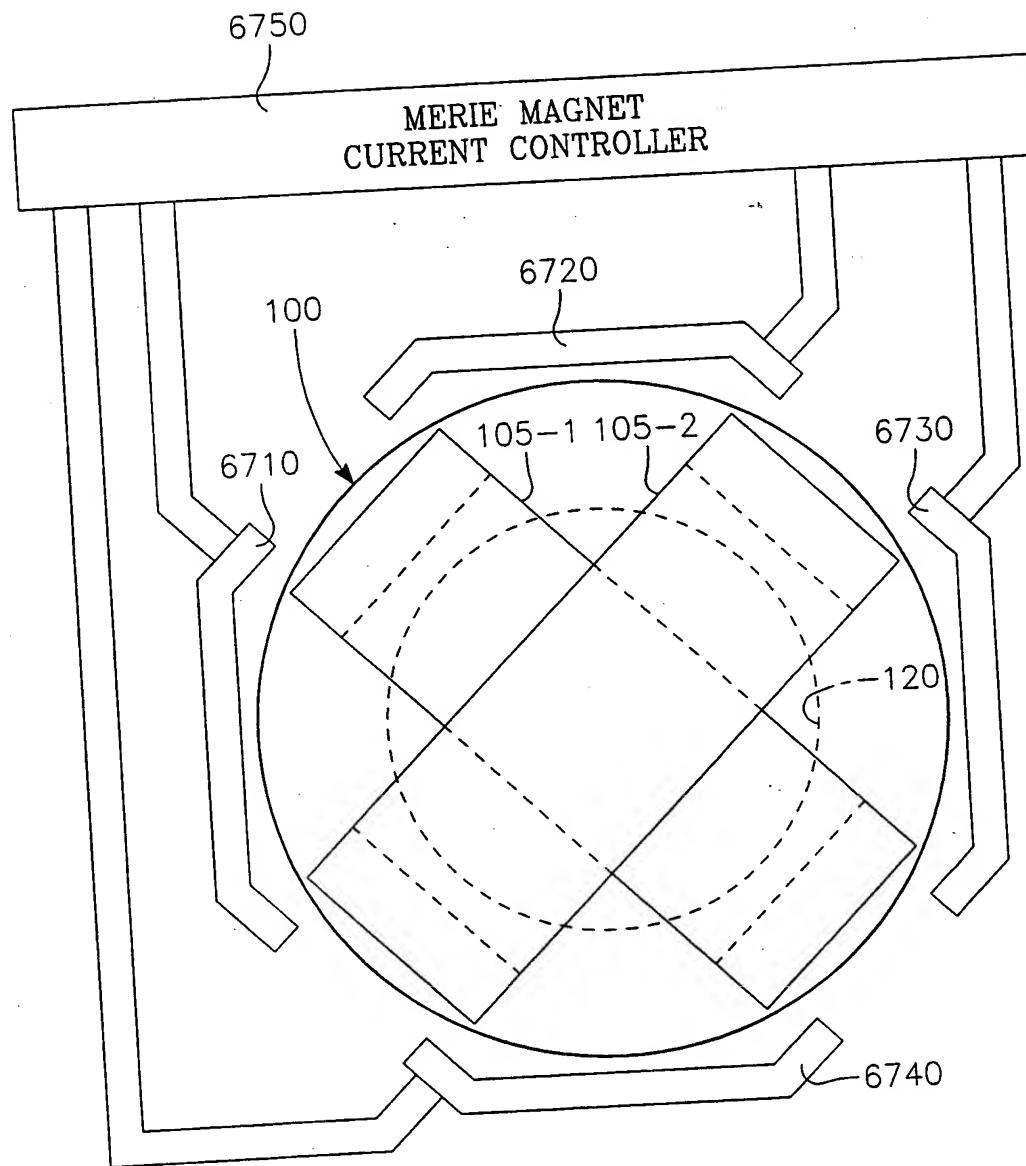


FIG. 67

54/85

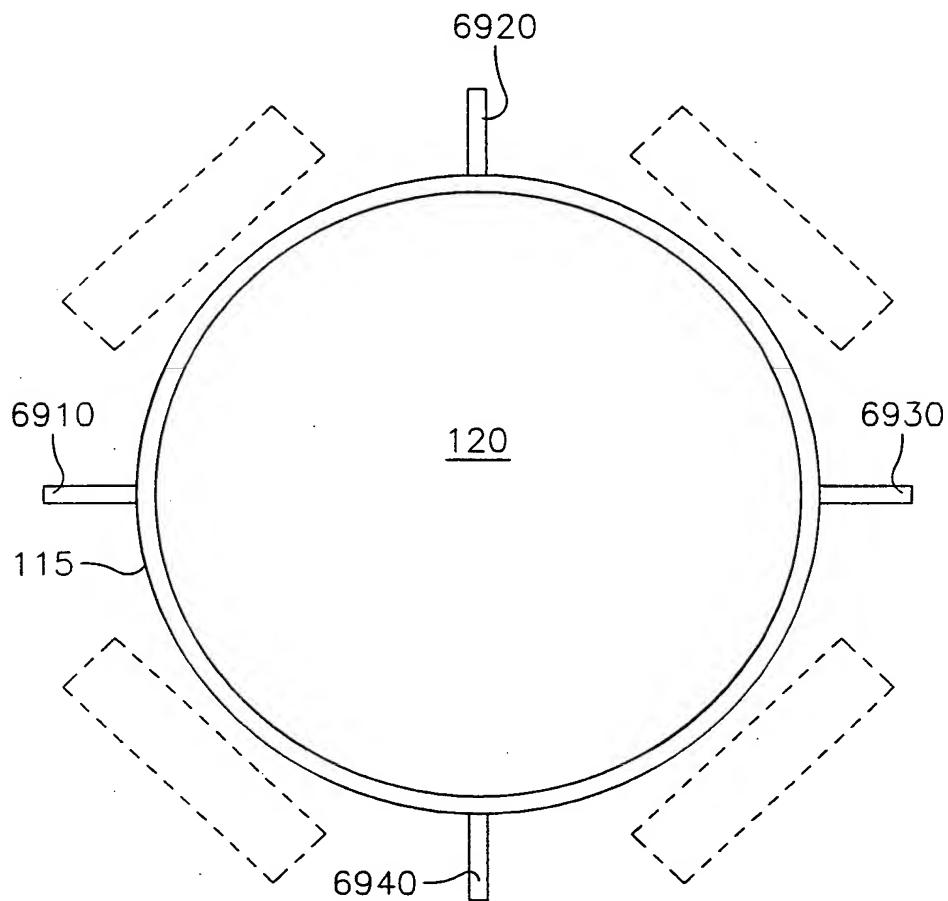


FIG. 68

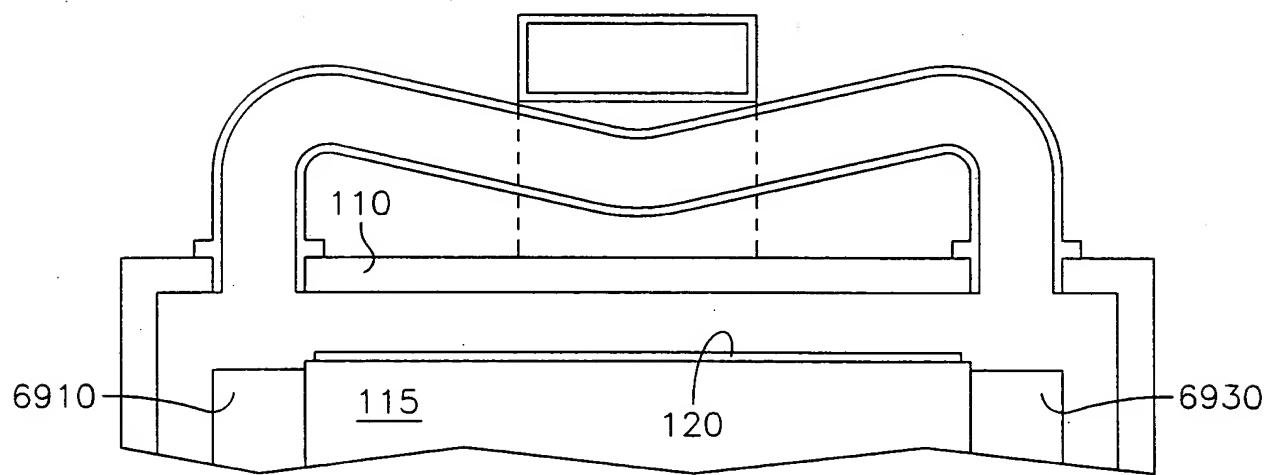
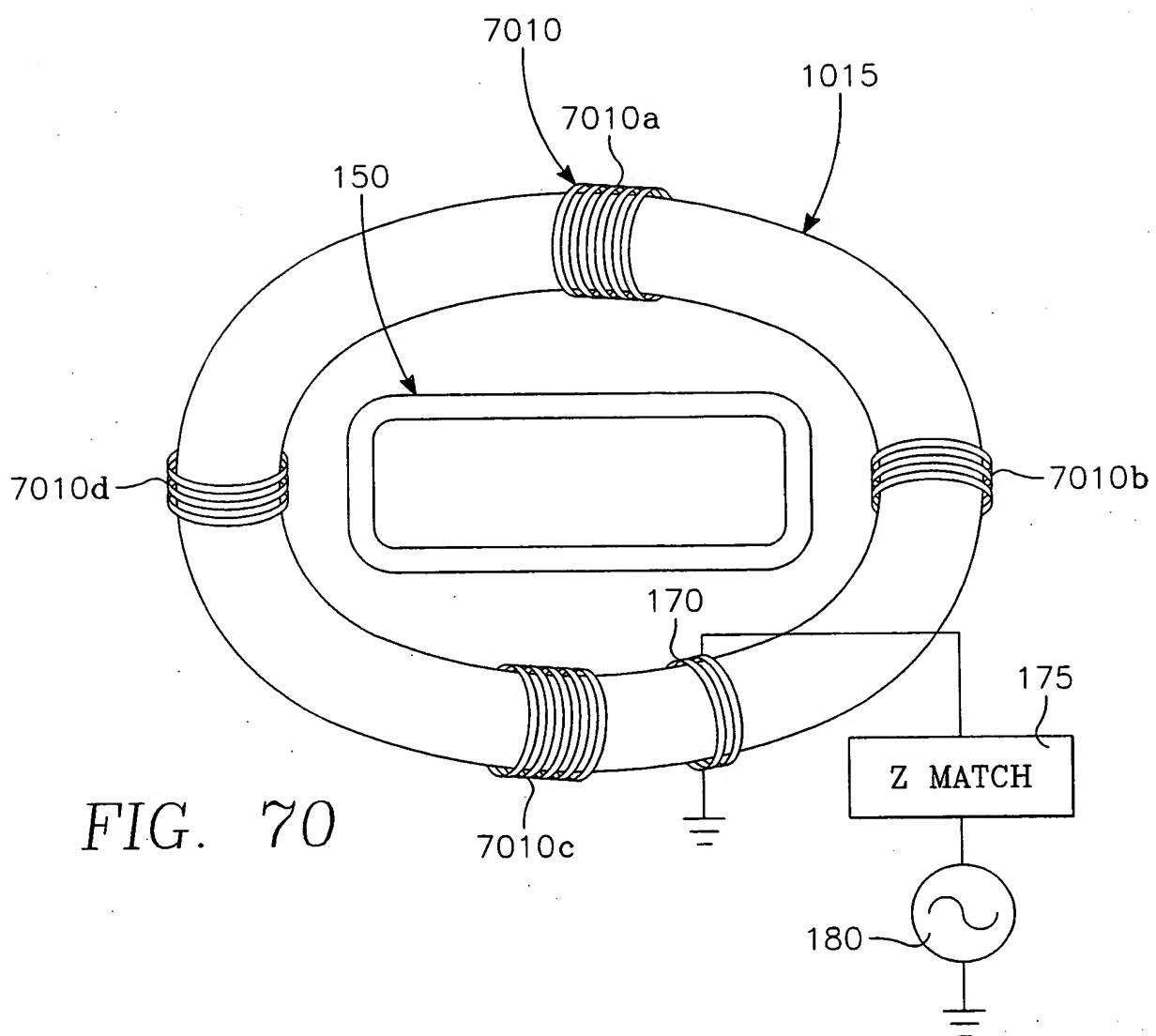


FIG. 69



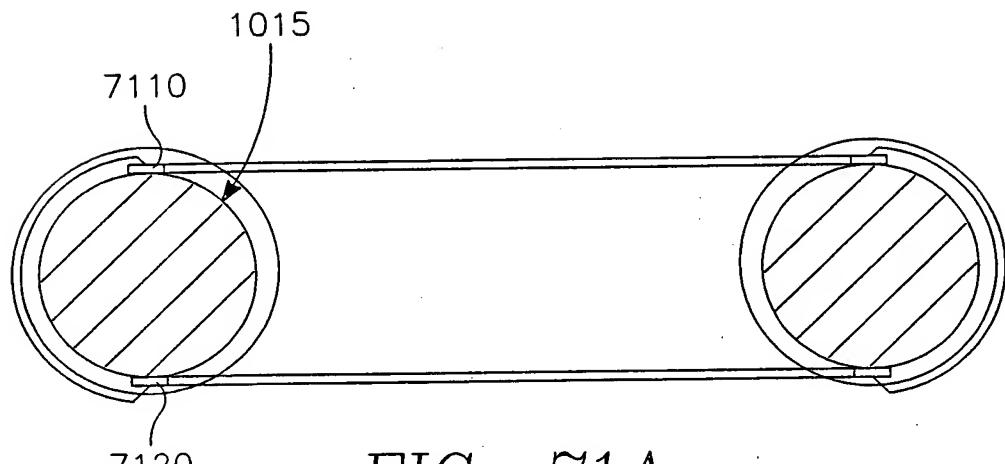


FIG. 71A

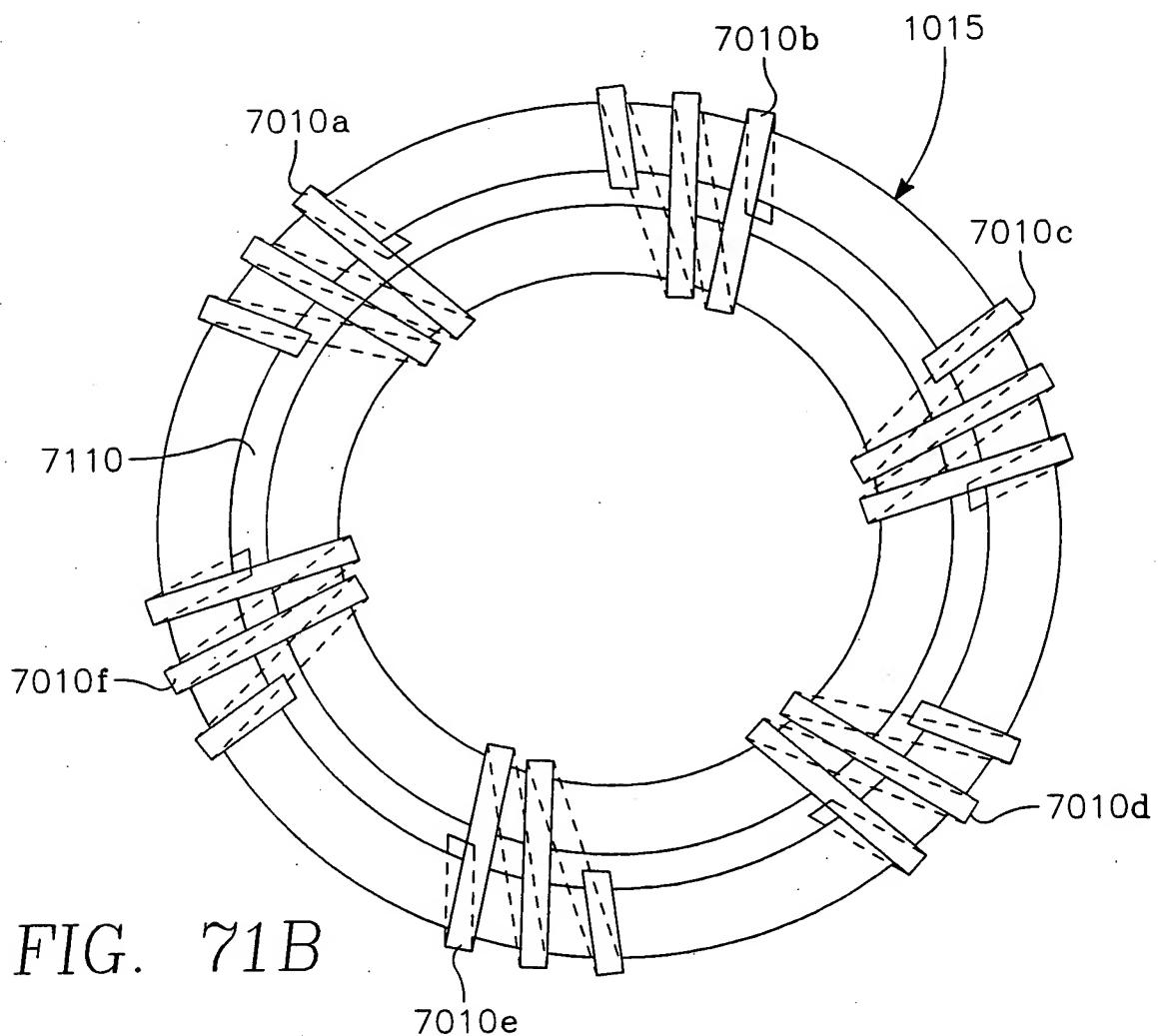


FIG. 71B

57/85

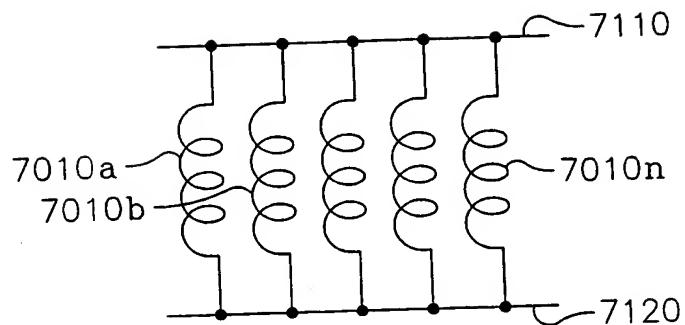


FIG. 72

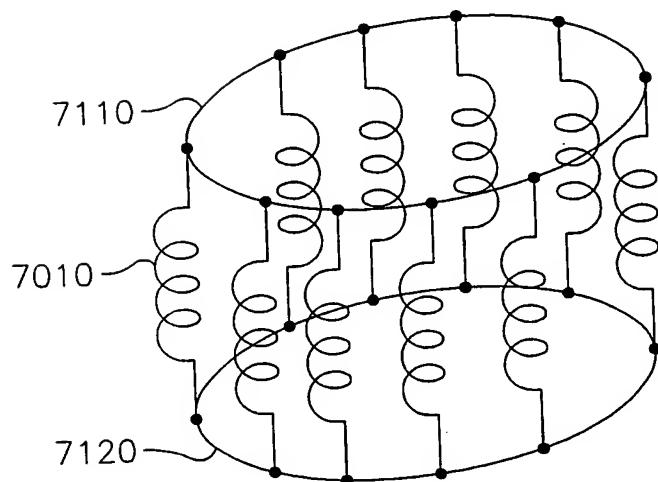


FIG. 73

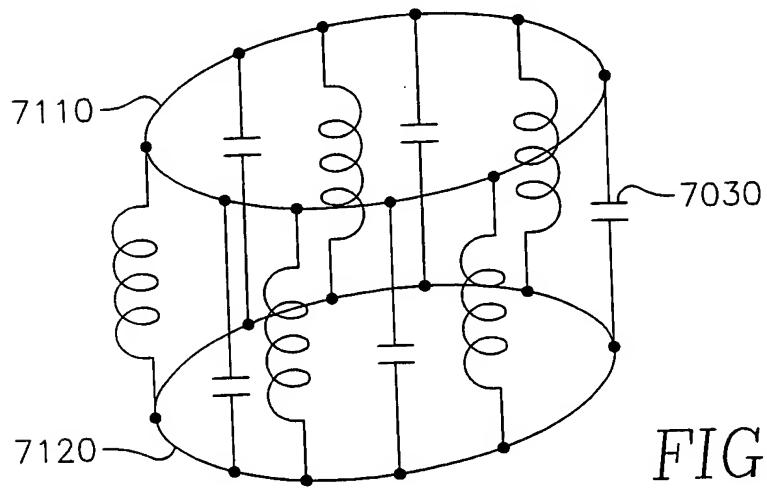


FIG. 74

58/85

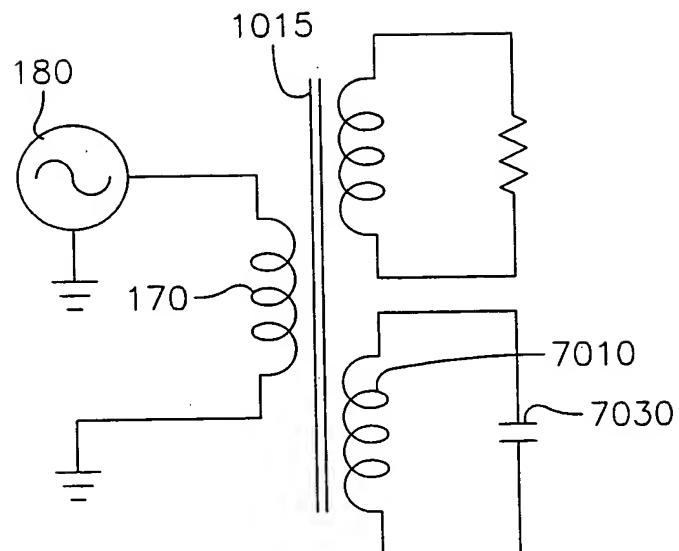


FIG. 75

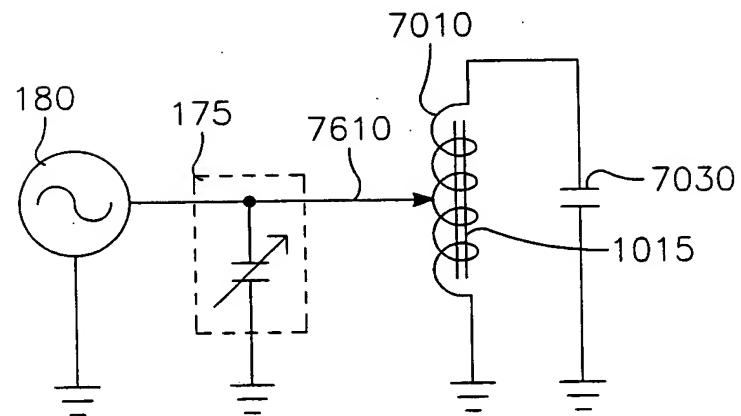
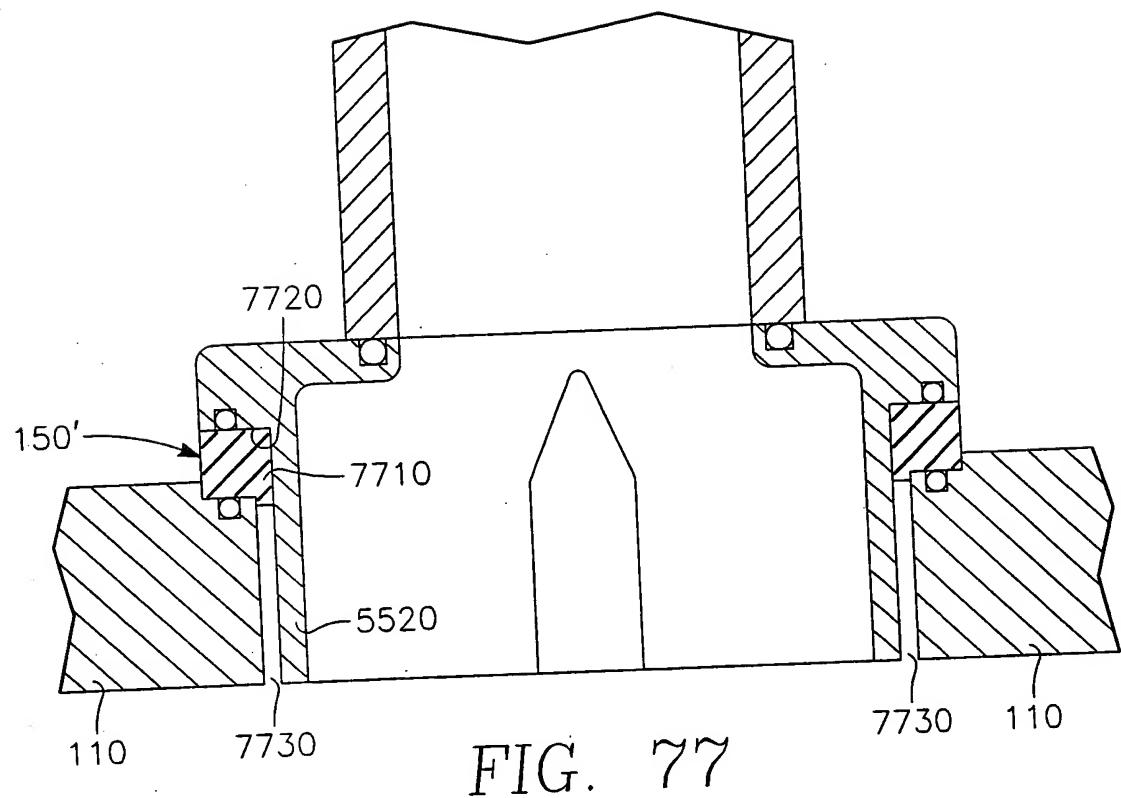


FIG. 76



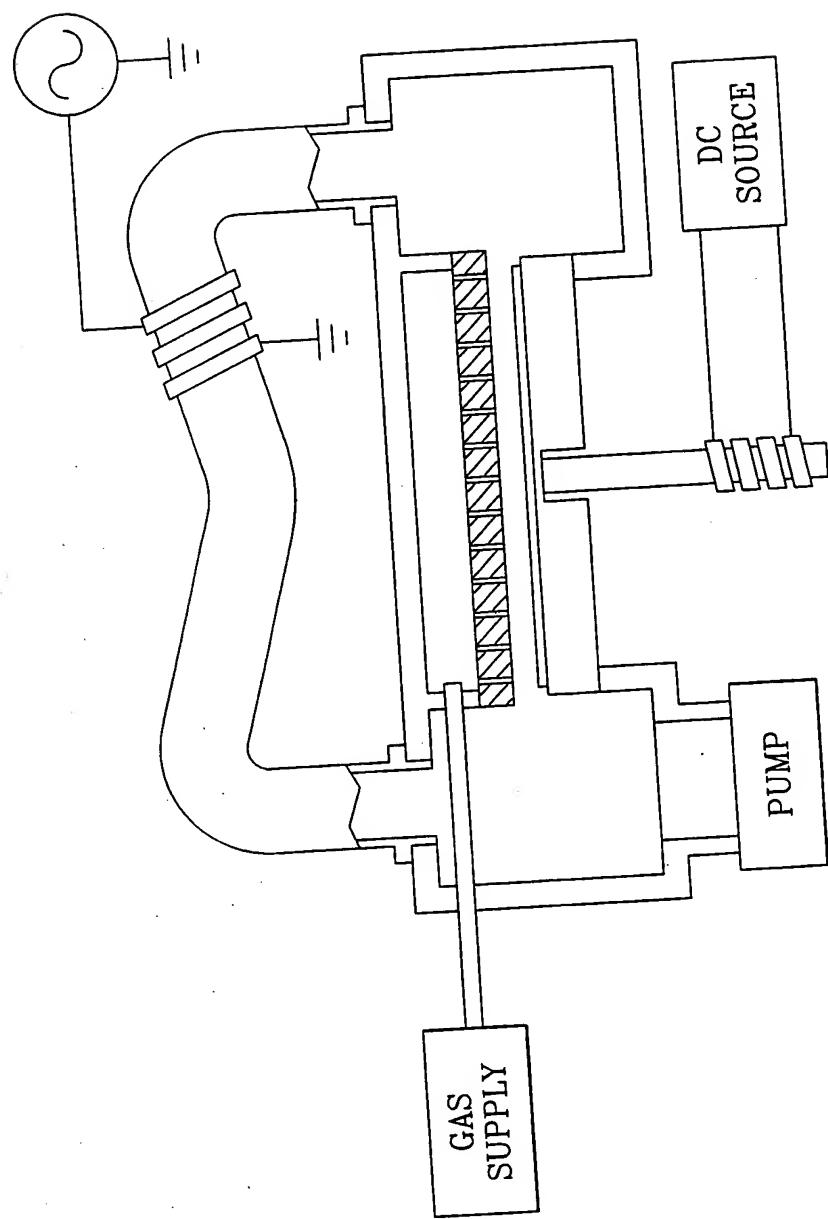


FIG. 78

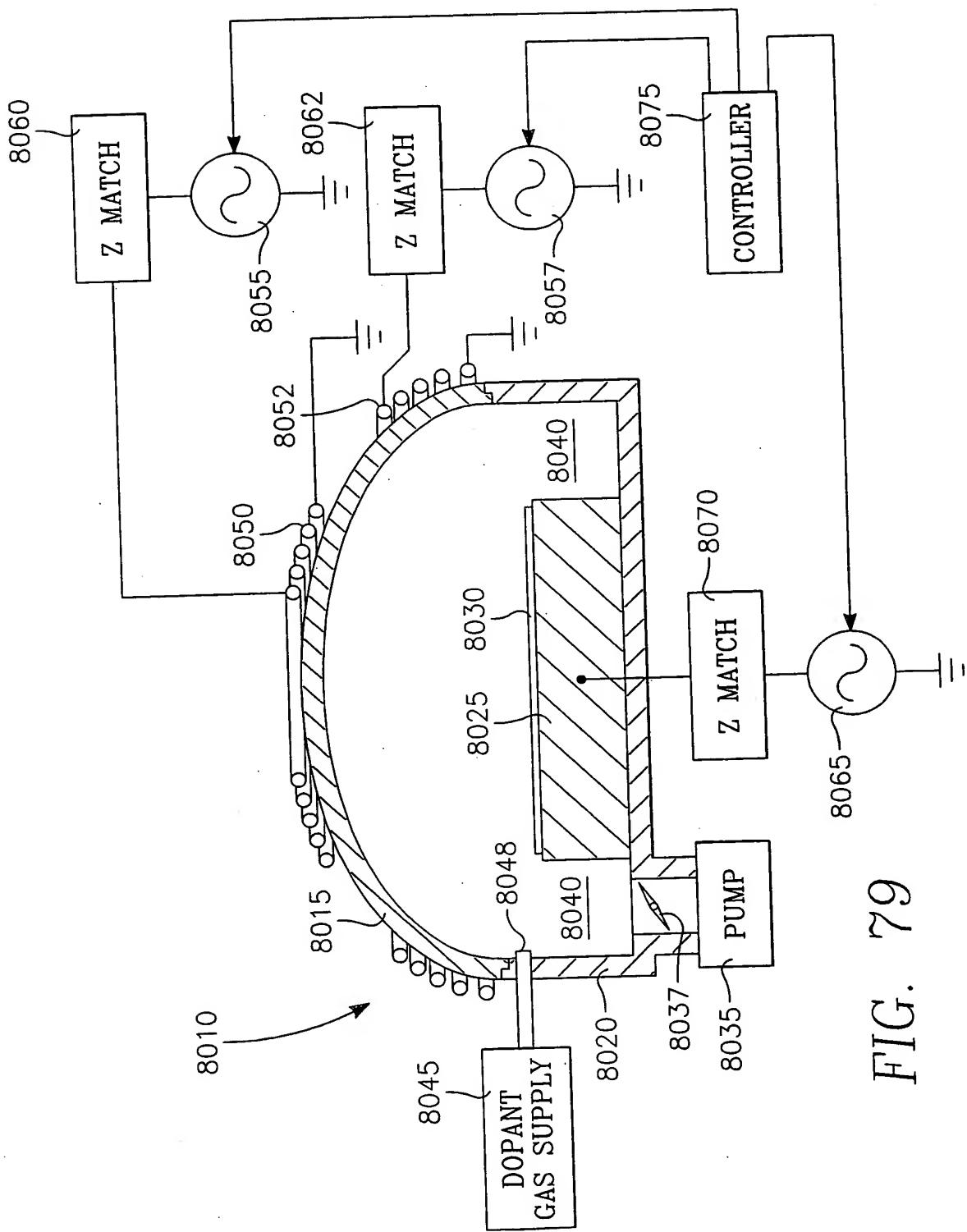


FIG. 79

62/85

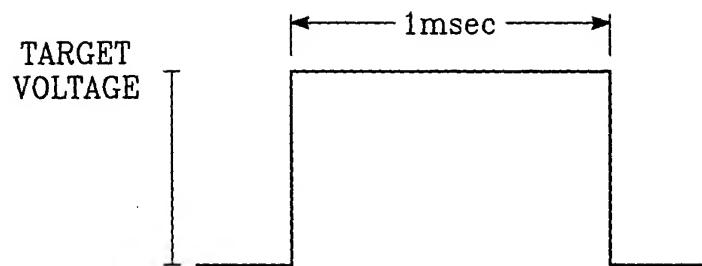


FIG. 80A

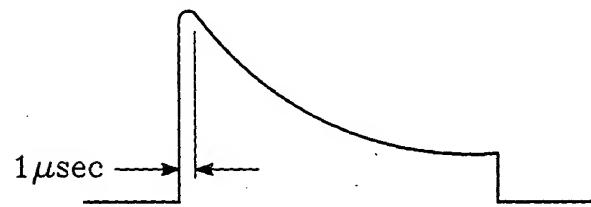


FIG. 80B

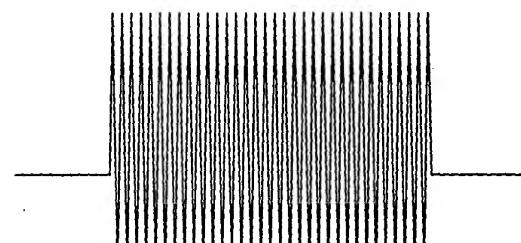


FIG. 80C

63/85

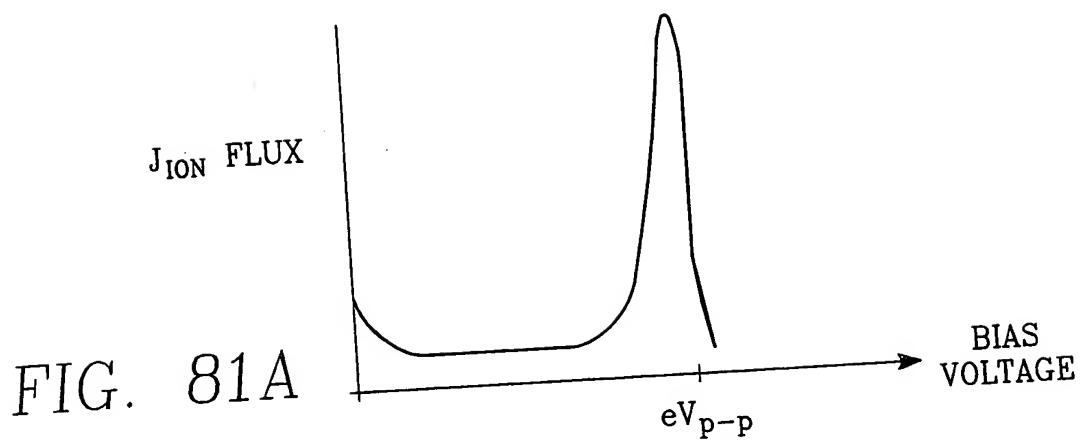


FIG. 81A

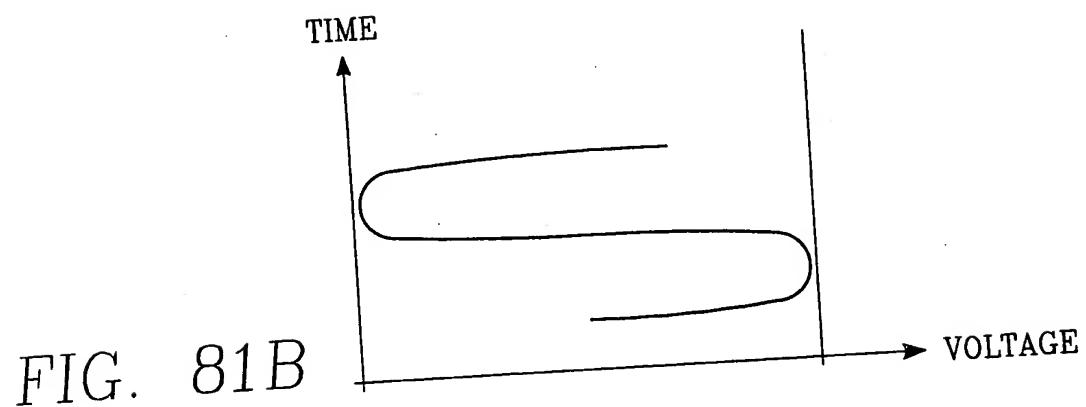


FIG. 81B

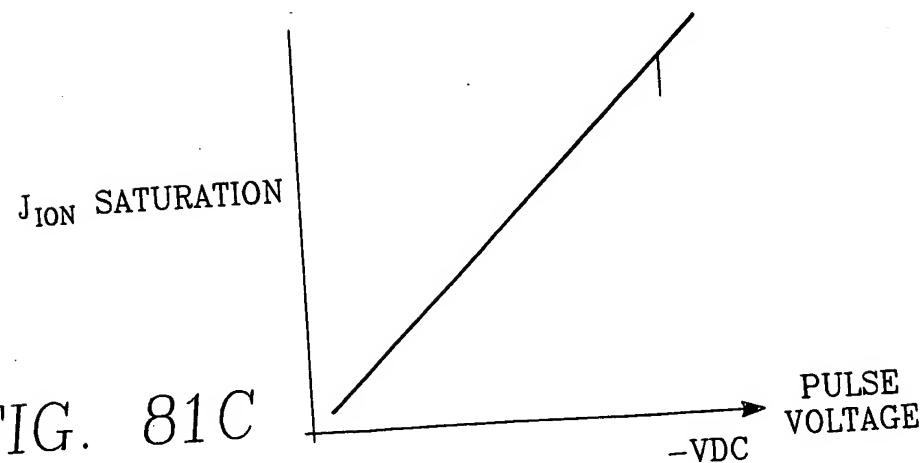


FIG. 81C

64/85

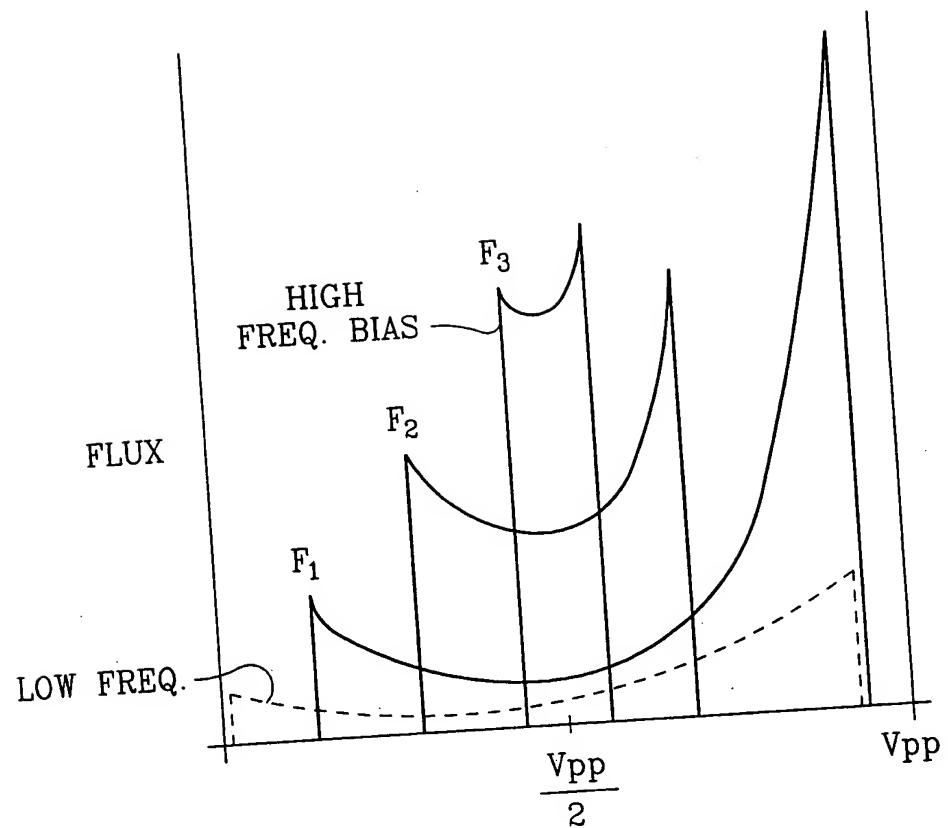
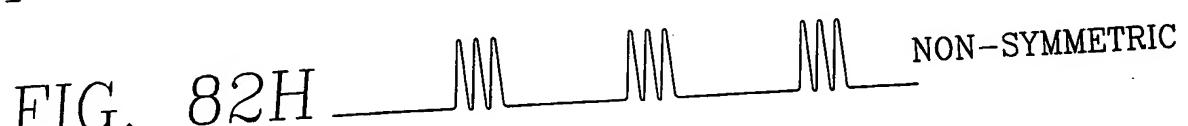
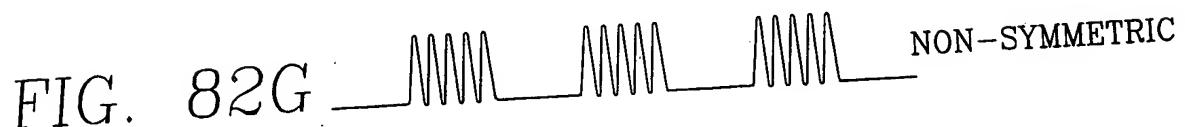
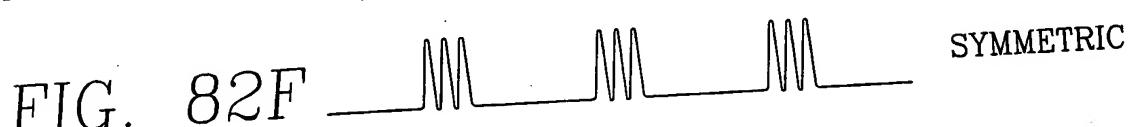
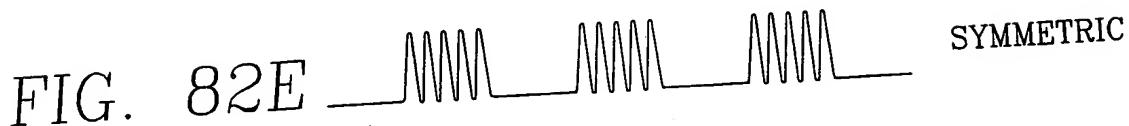
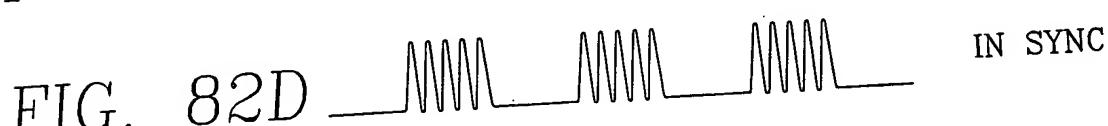
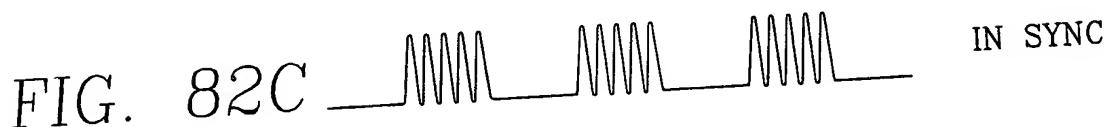
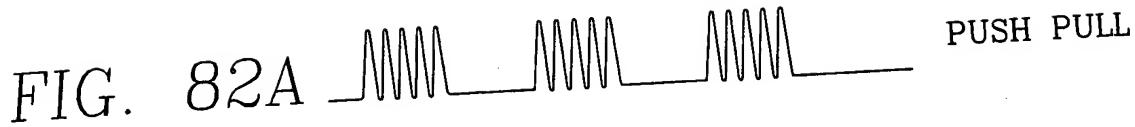


FIG. 81D



66/85

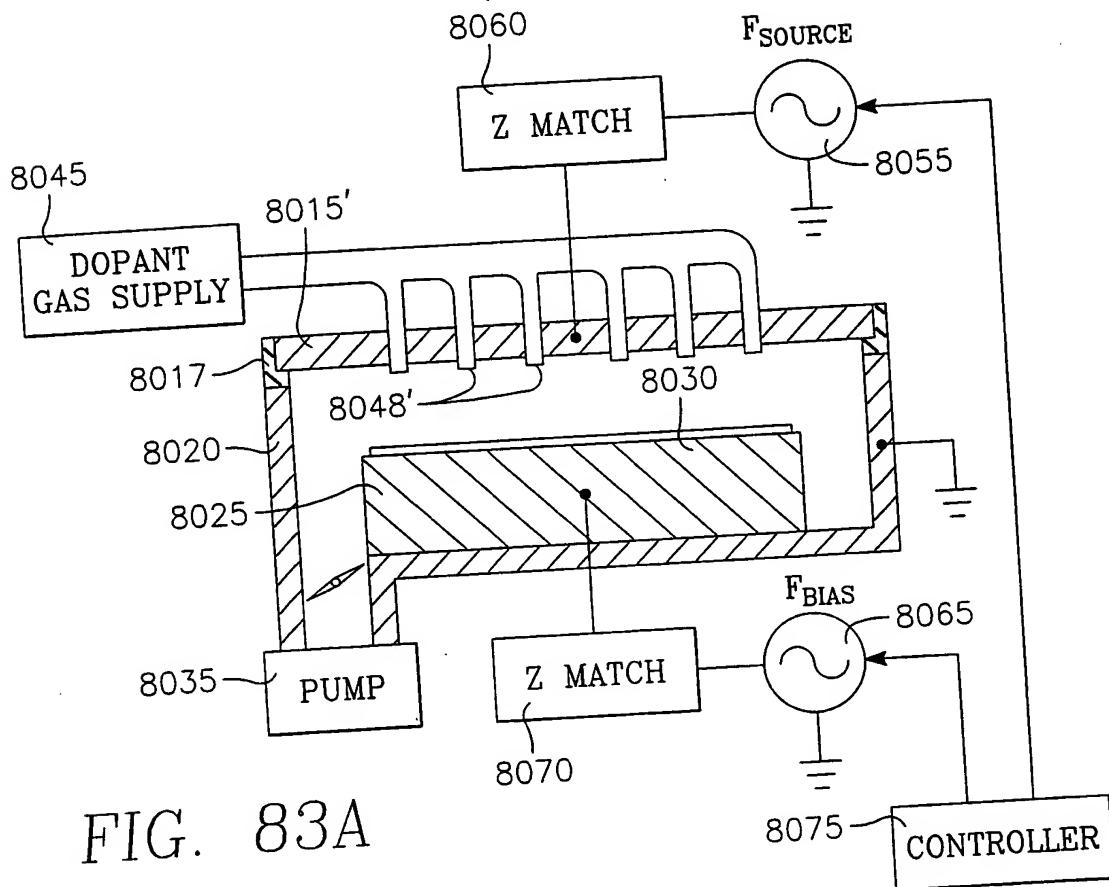


FIG. 83A

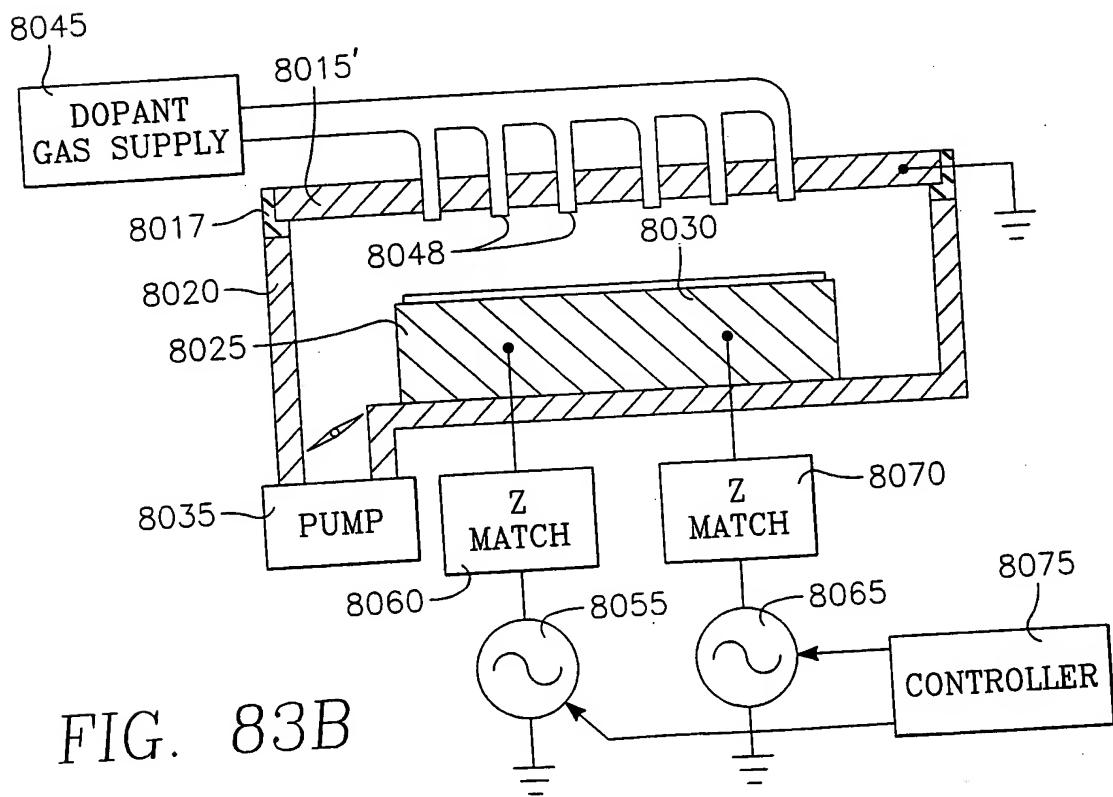


FIG. 83B

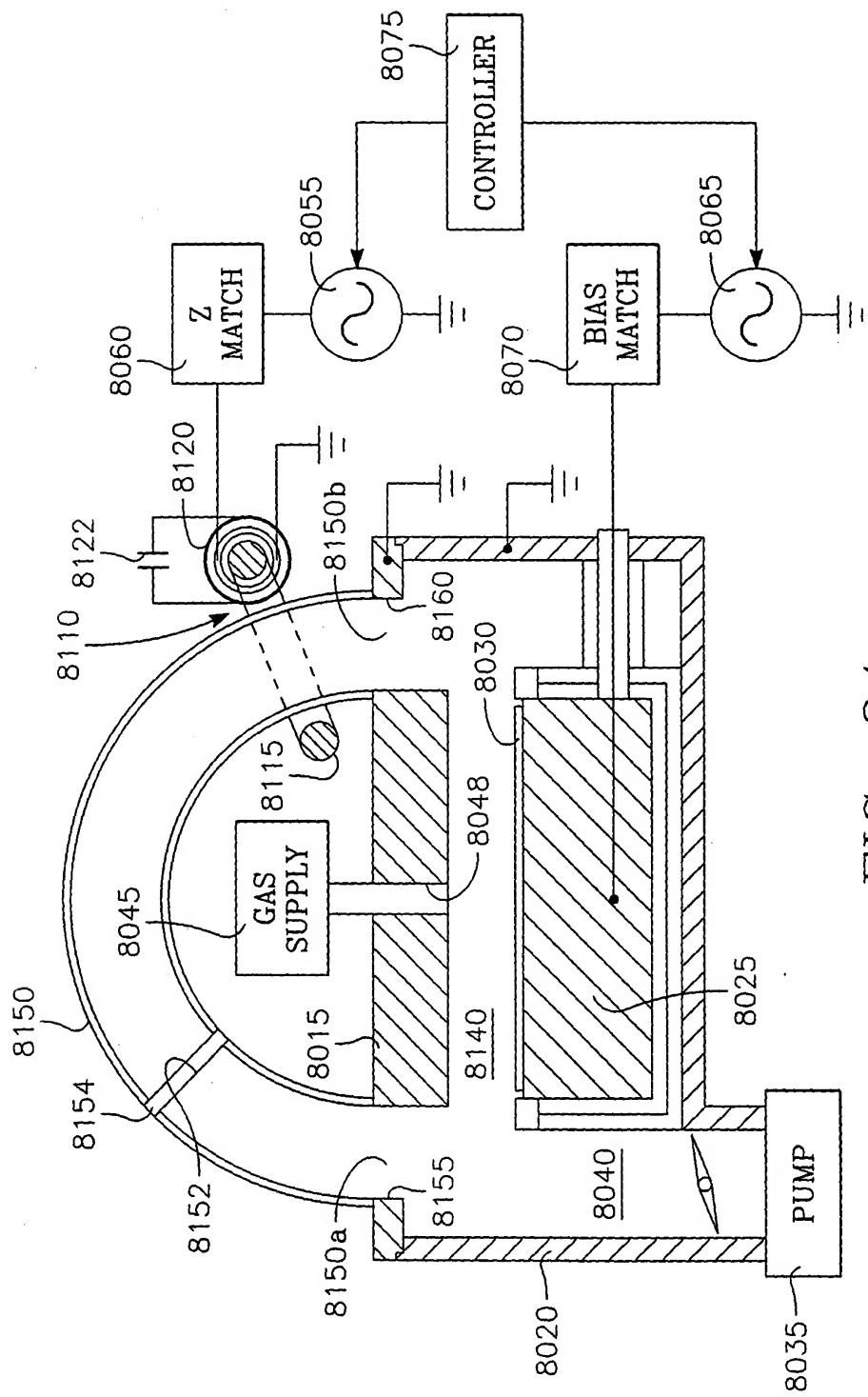


FIG. 84

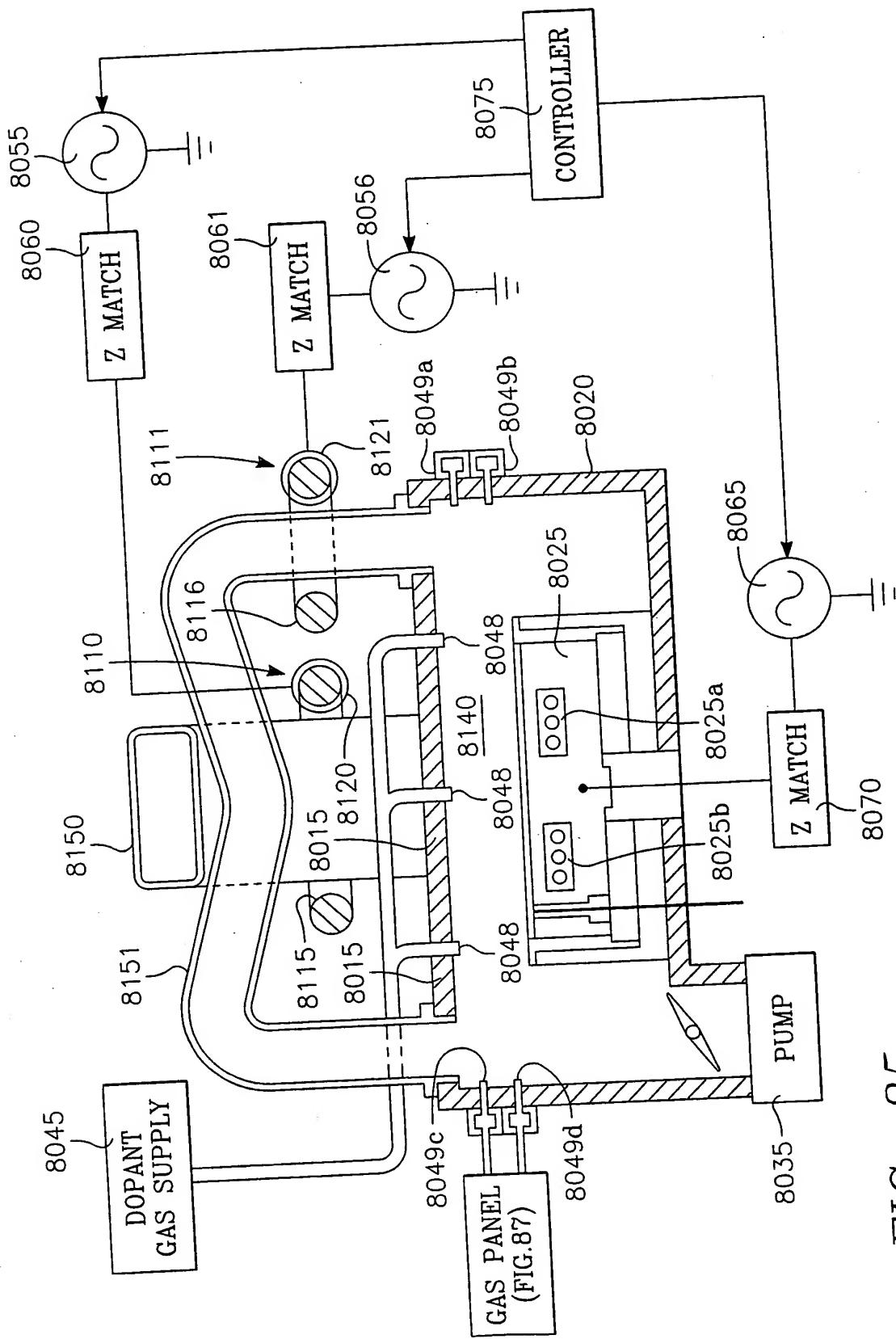


FIG. 85

69/85

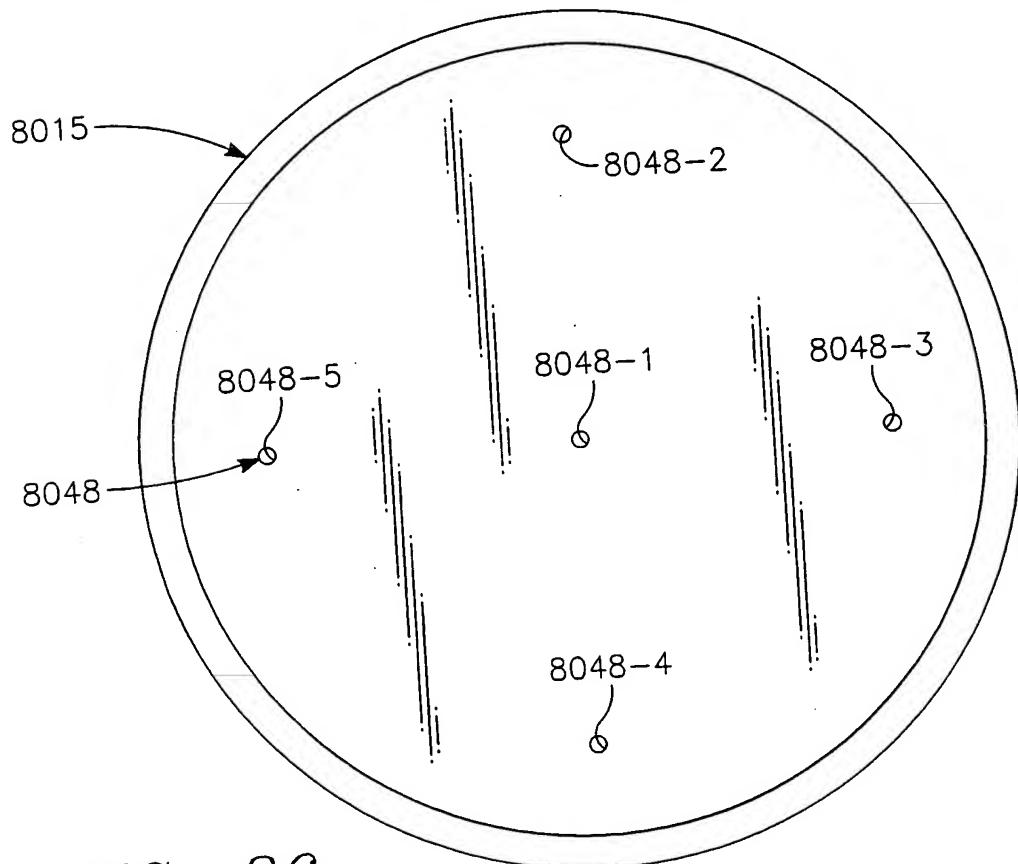


FIG. 86

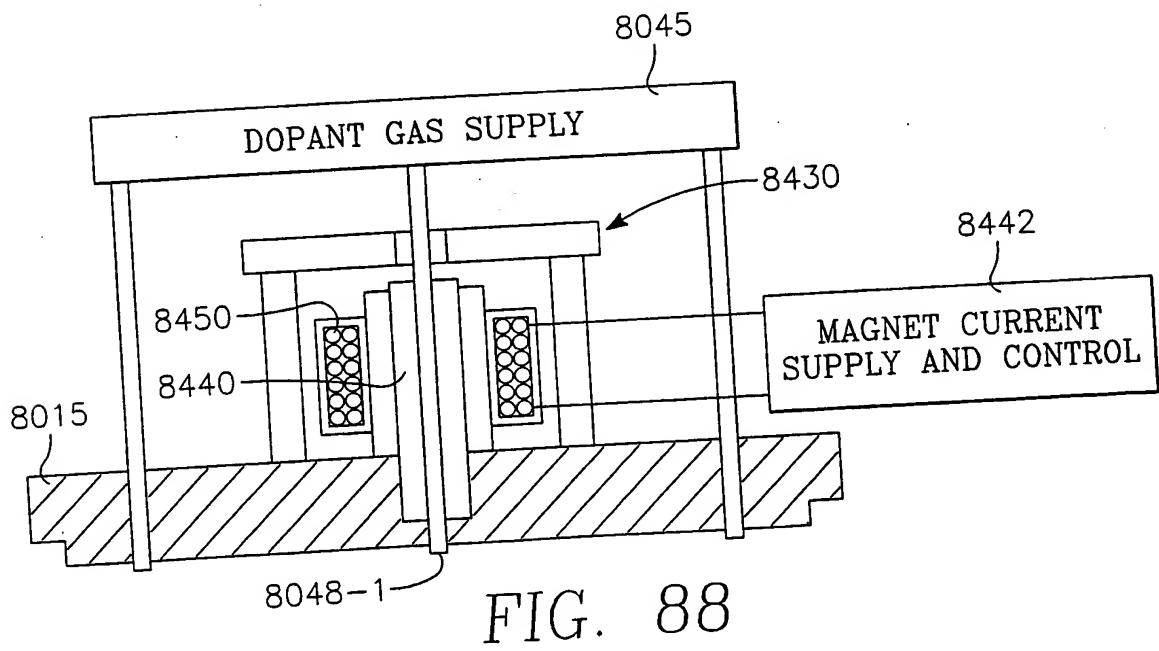


FIG. 88

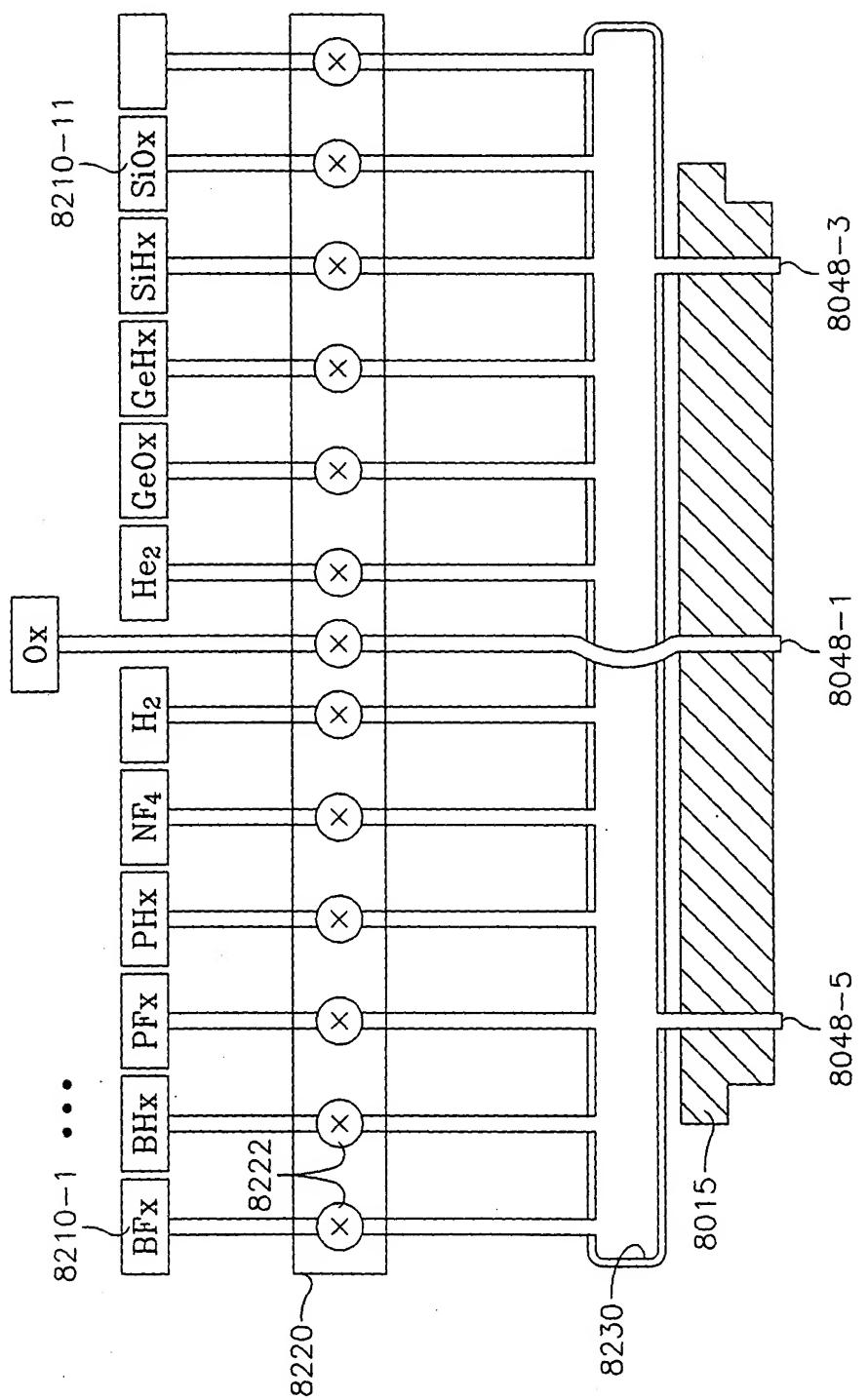


FIG. 87

71/85

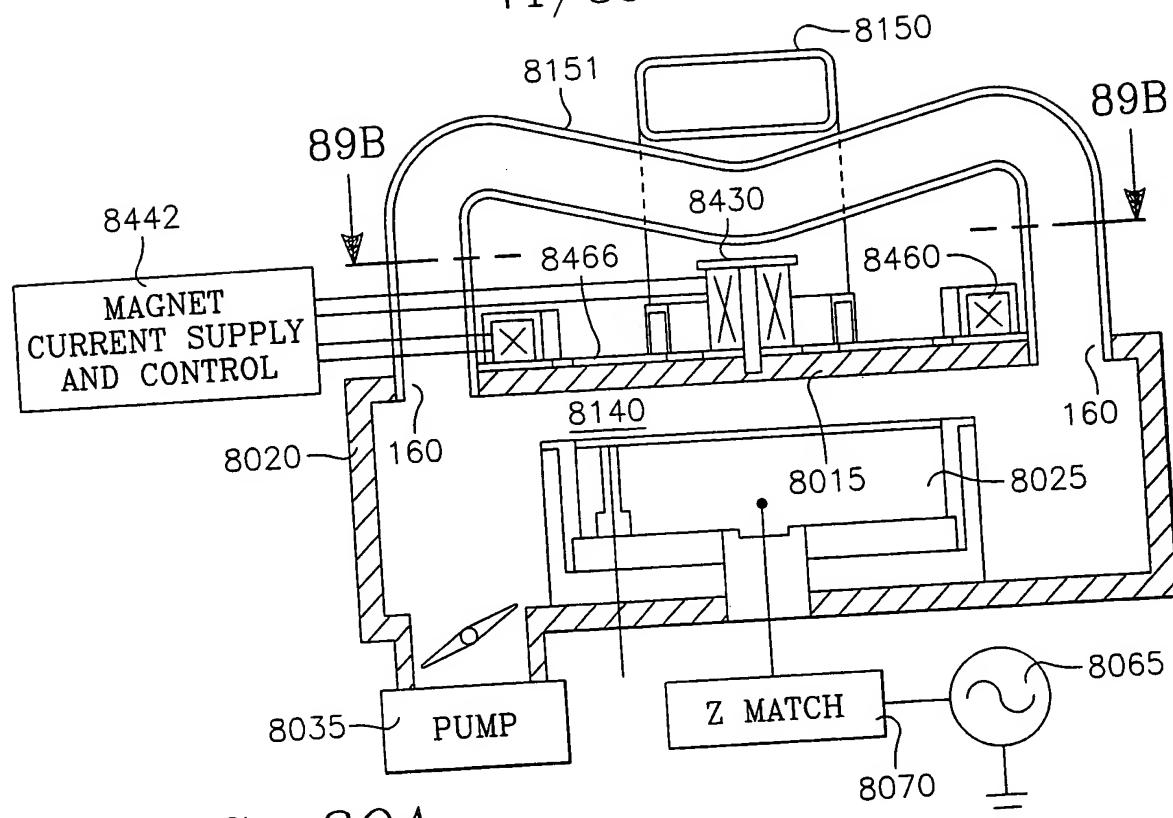


FIG. 89A

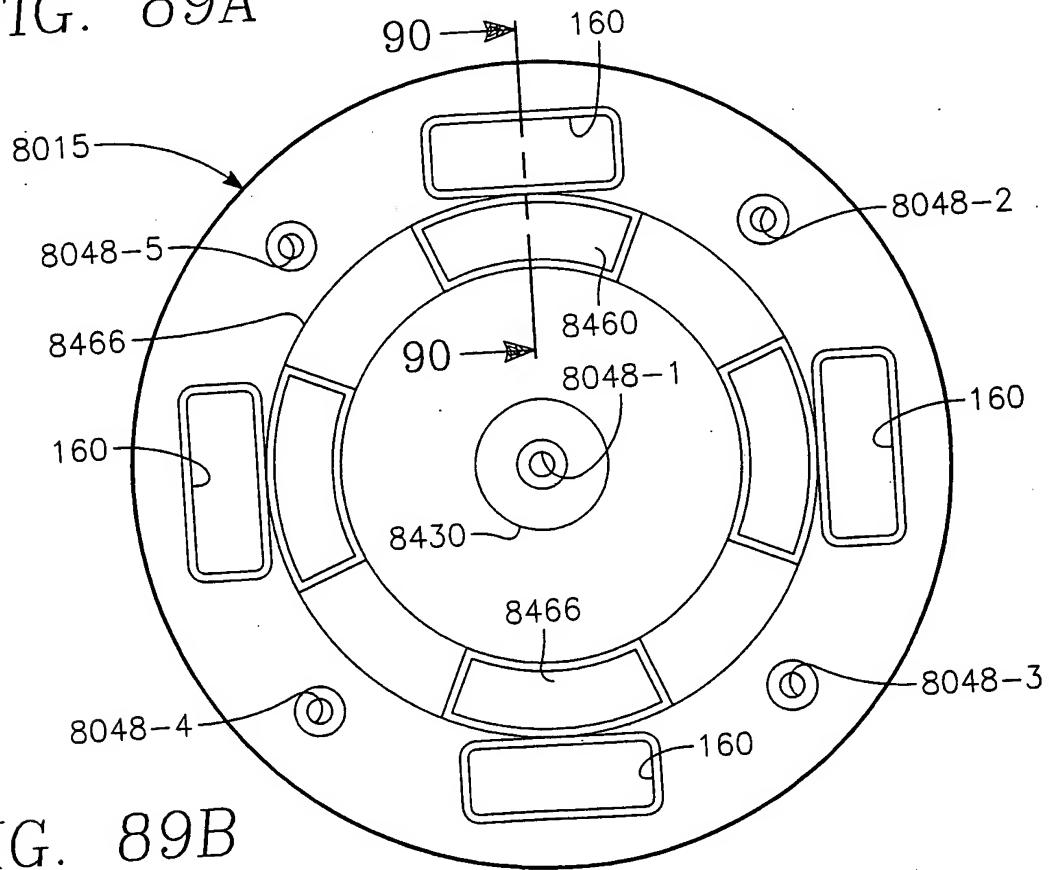


FIG. 89B

72/85

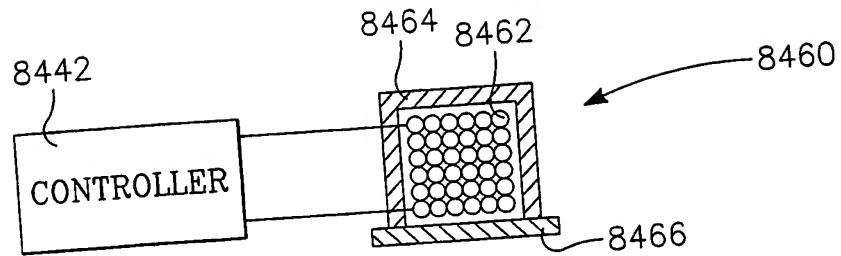


FIG. 90A

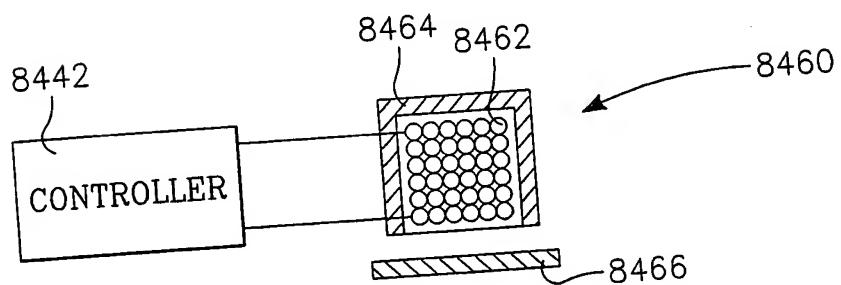


FIG. 90B

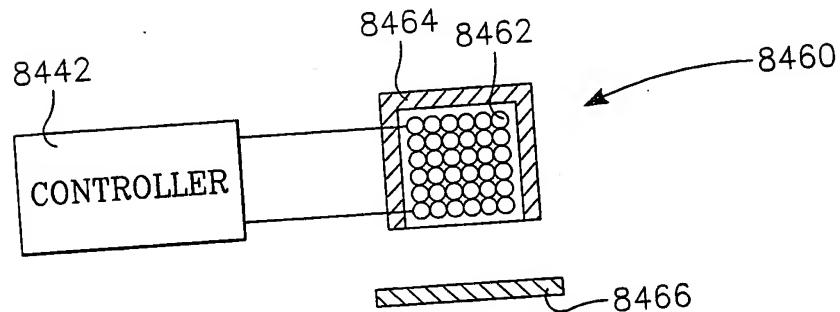


FIG. 90C

73/85

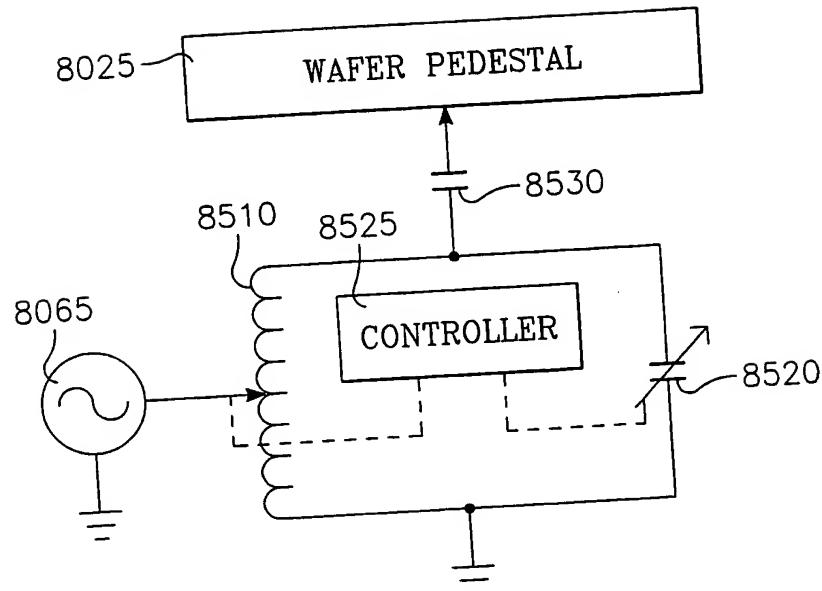


FIG. 91

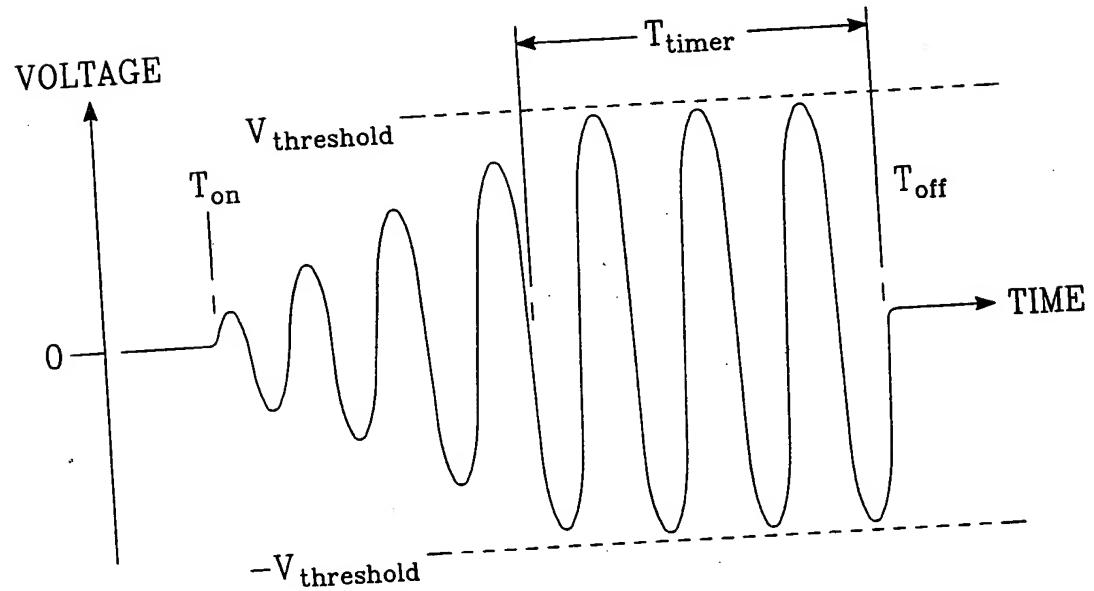


FIG. 92

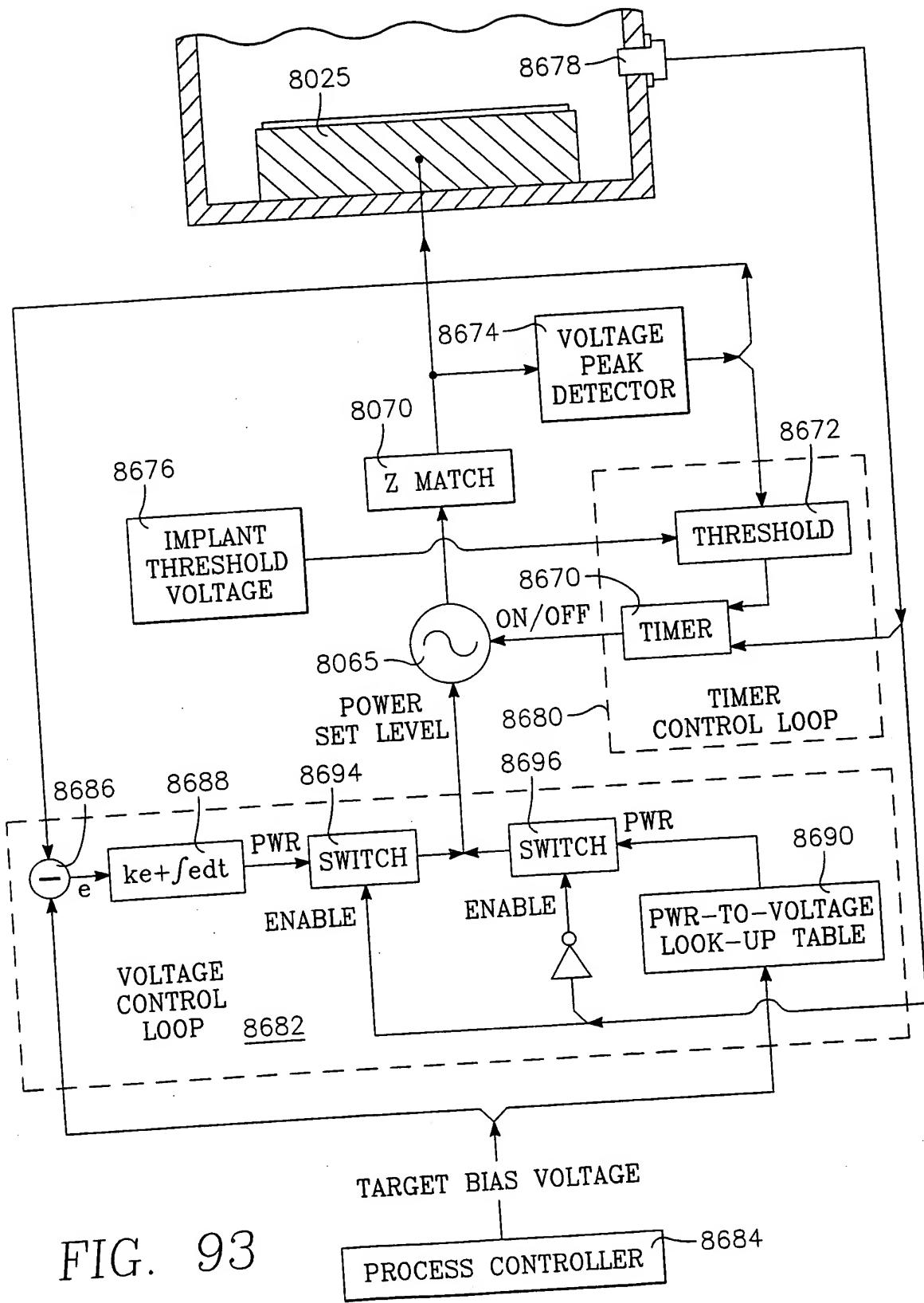


FIG. 93

75/85

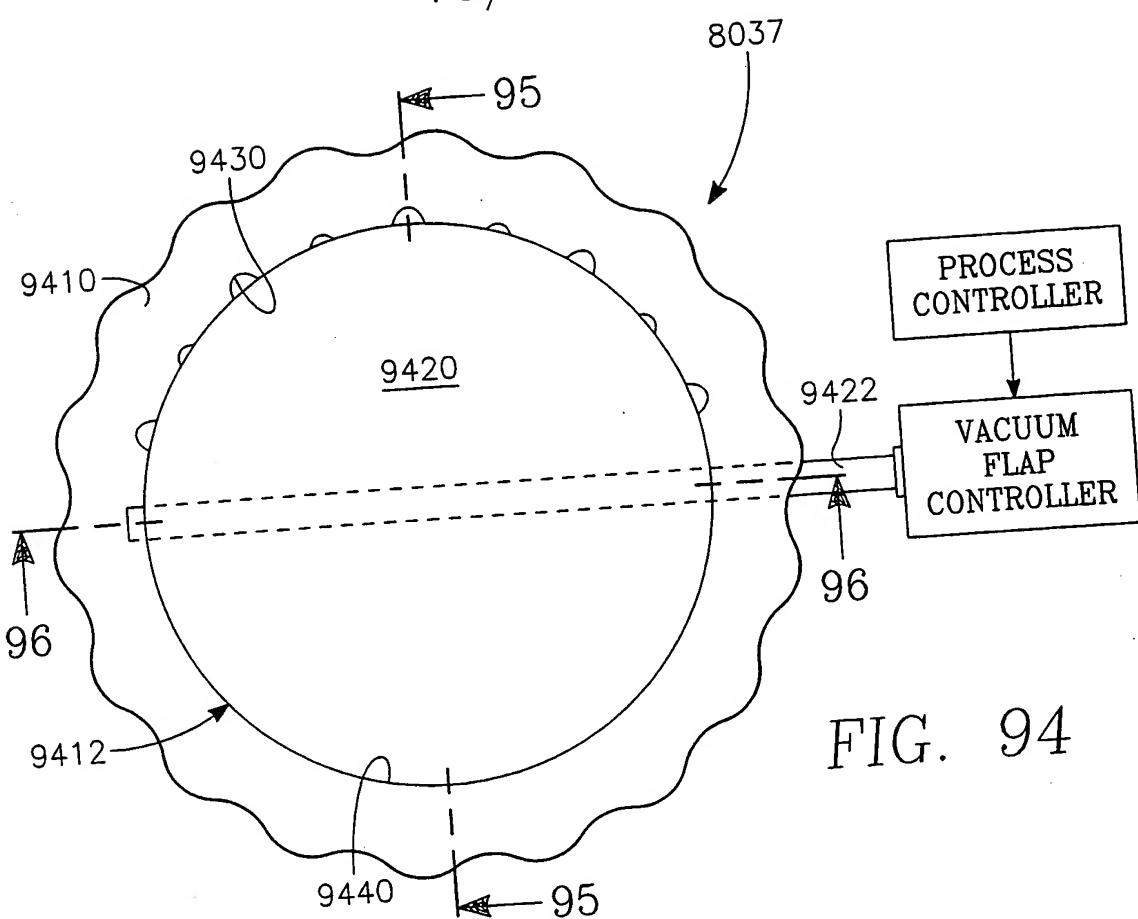


FIG. 94

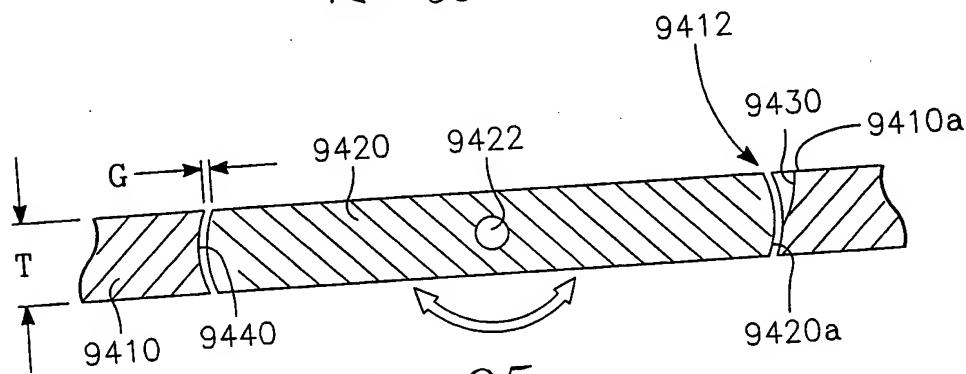


FIG. 95

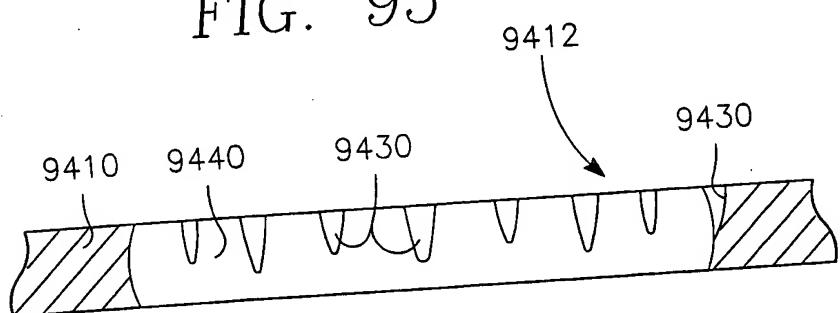


FIG. 96

76/85

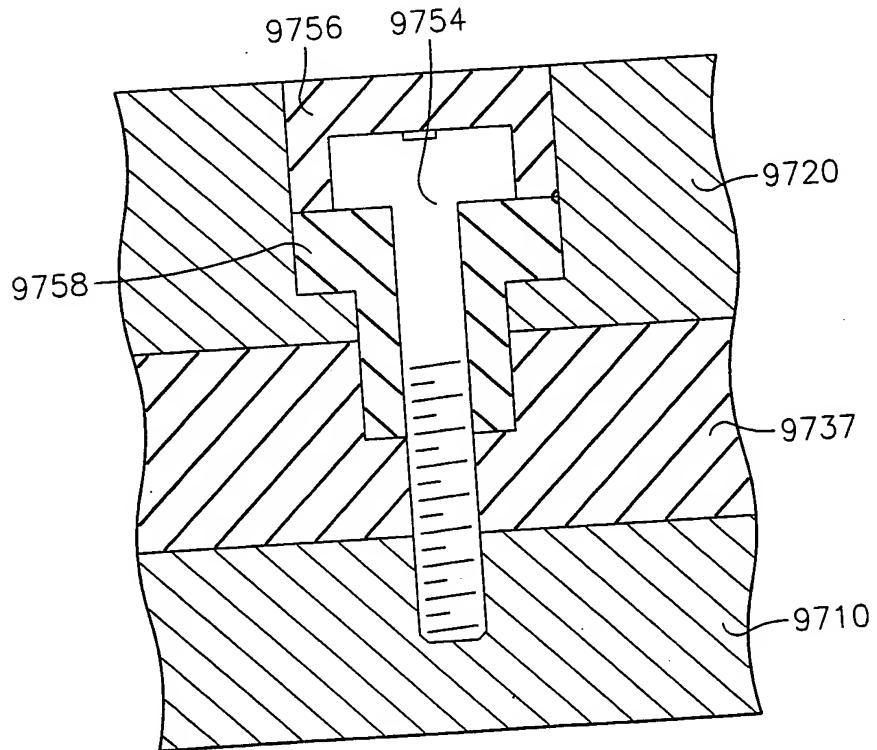
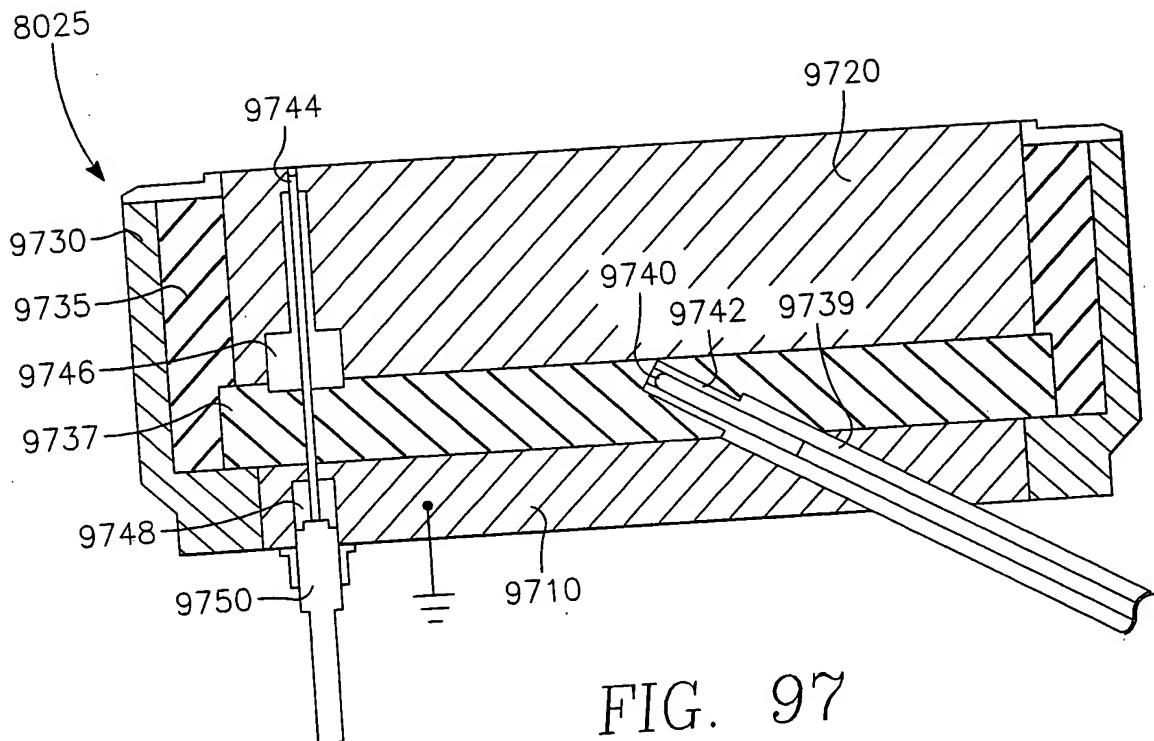


FIG. 98

77/85

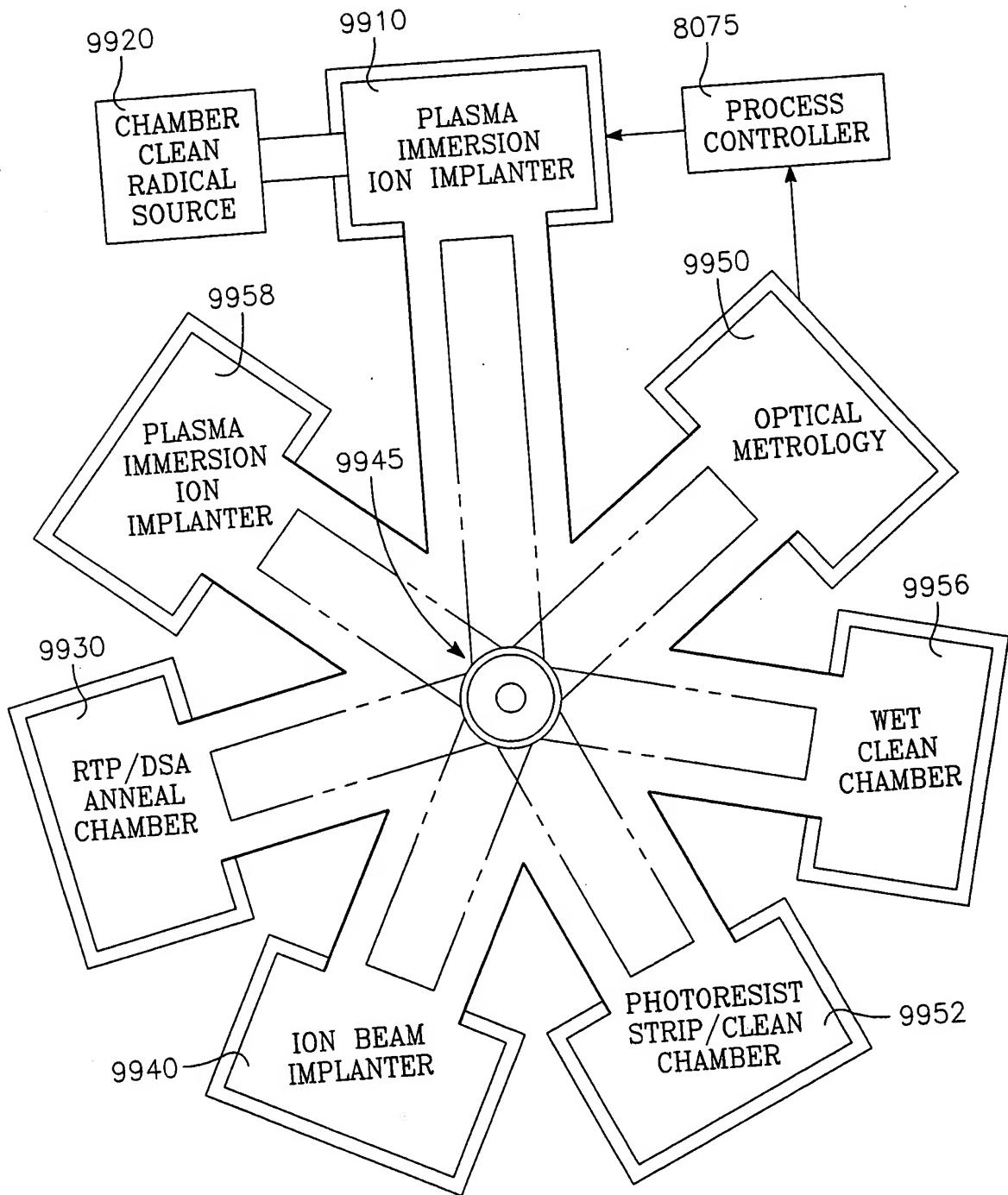
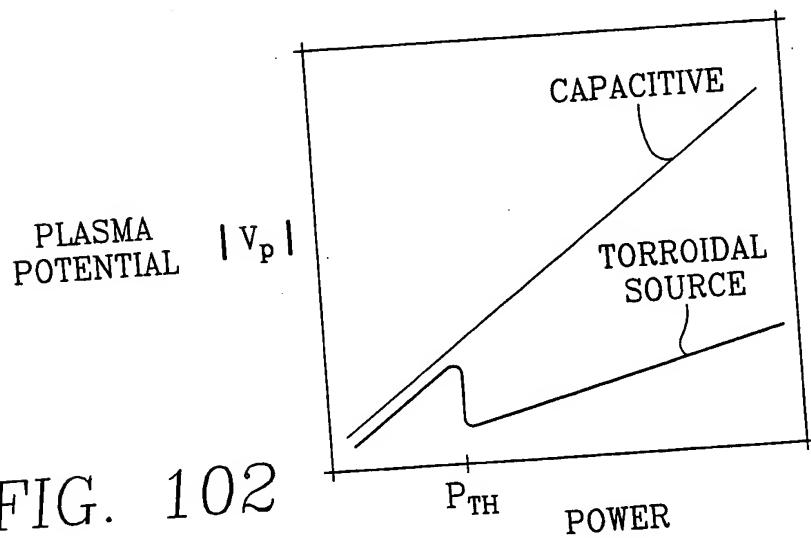
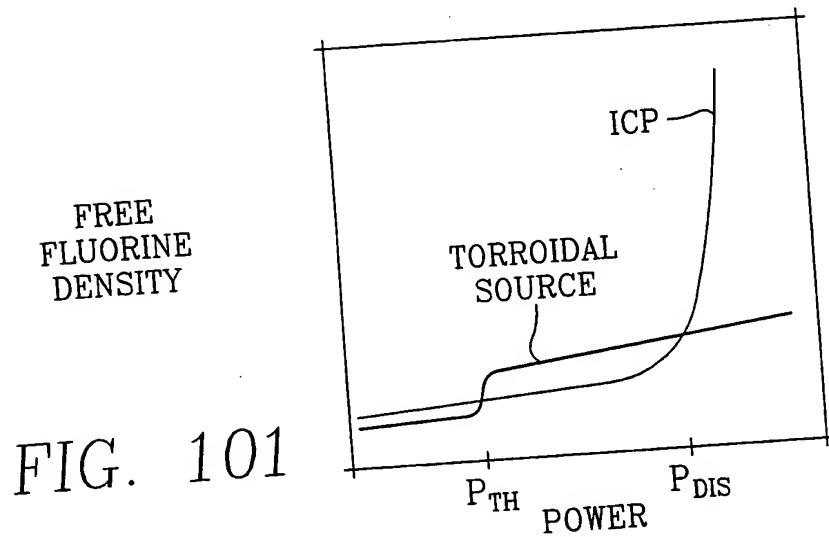
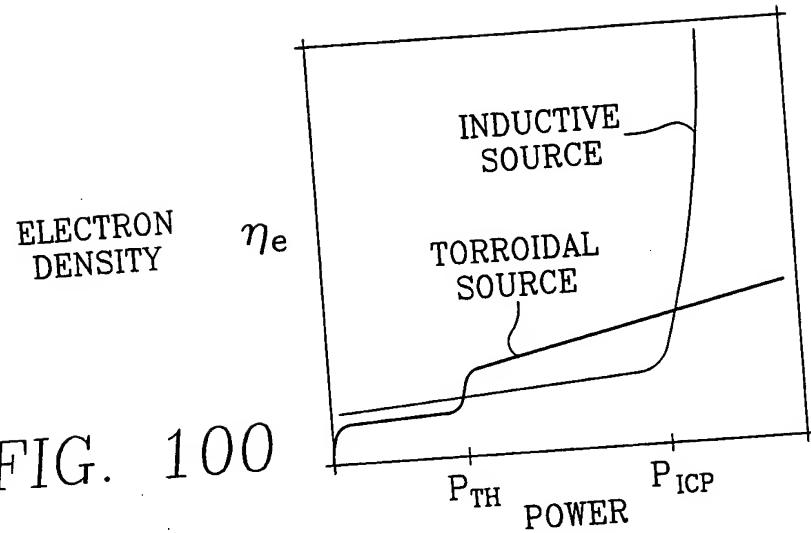


FIG. 99

78/85



79/85

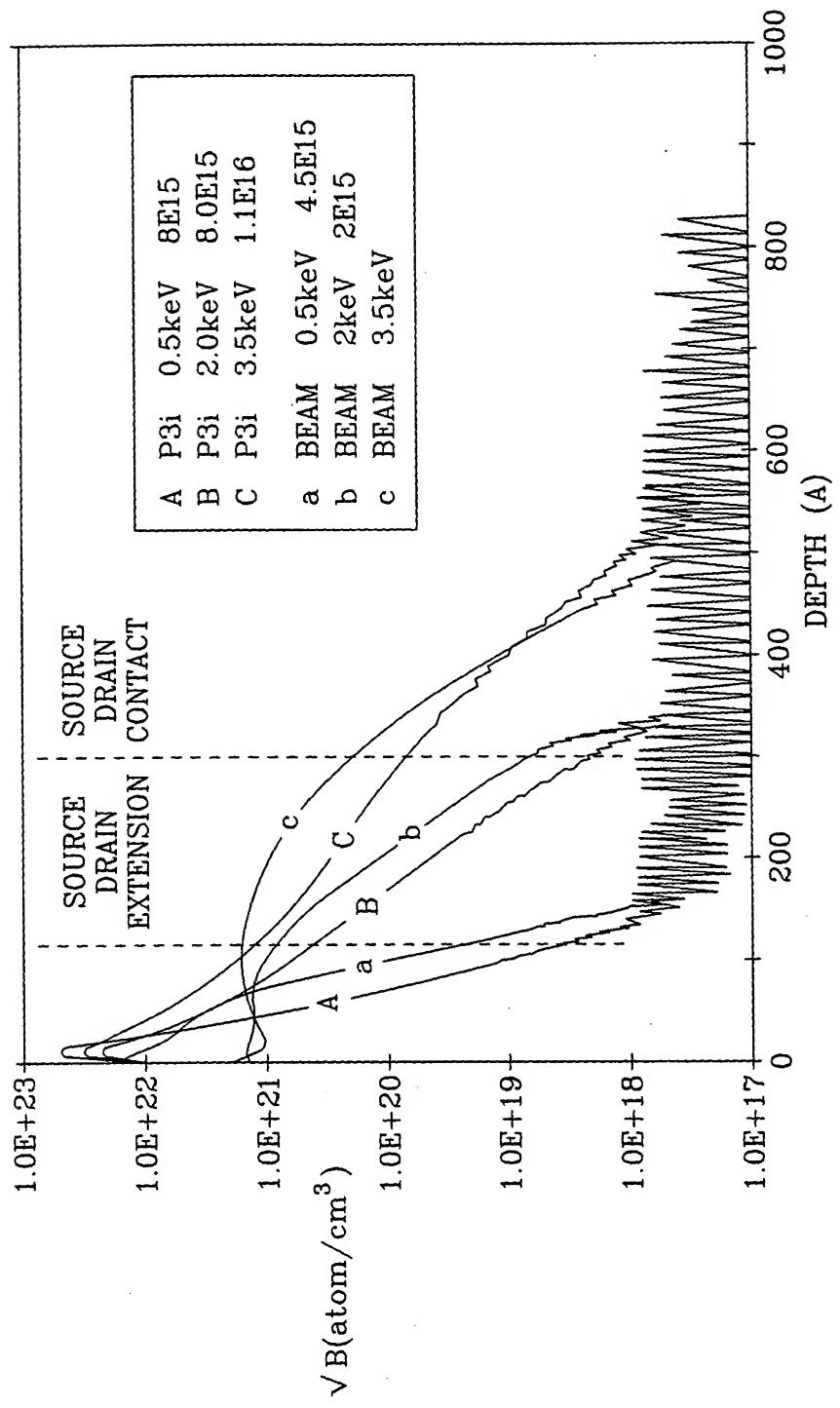


FIG. 103

80/85

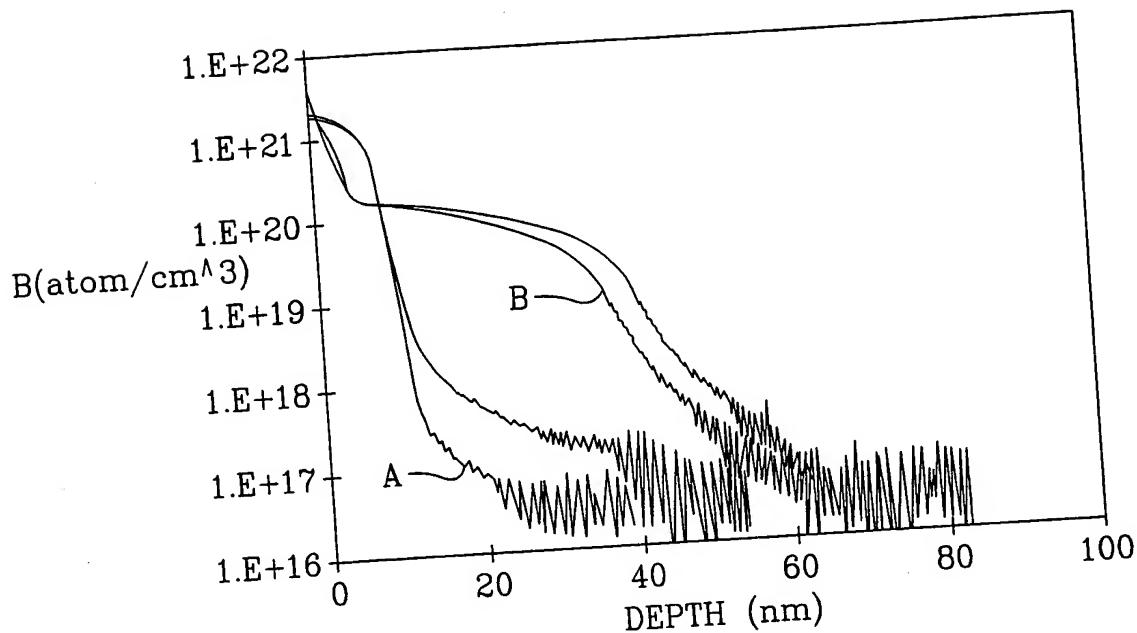


FIG 104

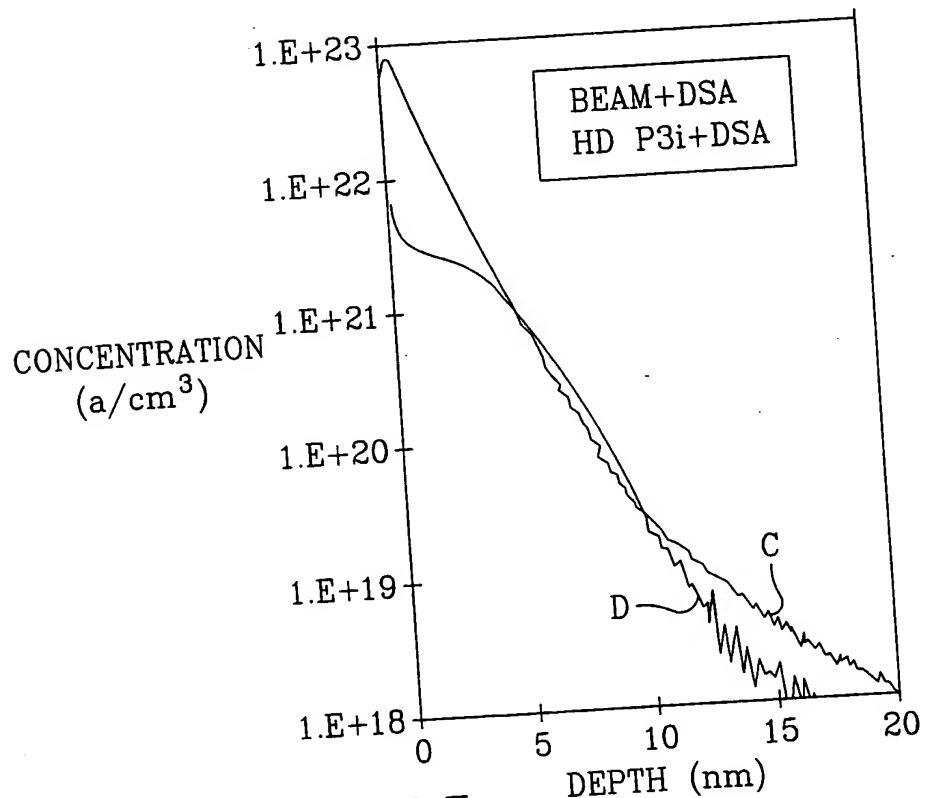


FIG. 105

81/85

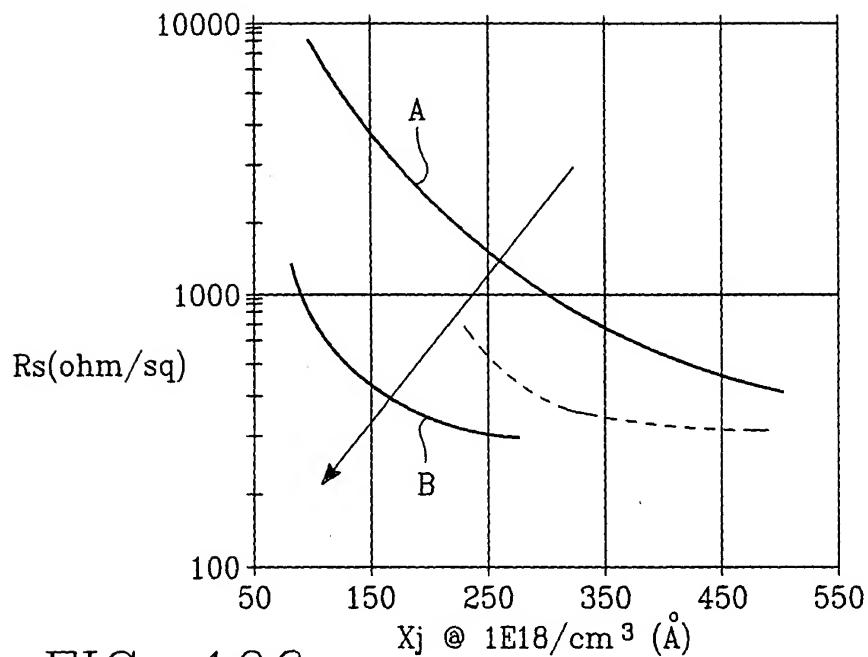


FIG. 106

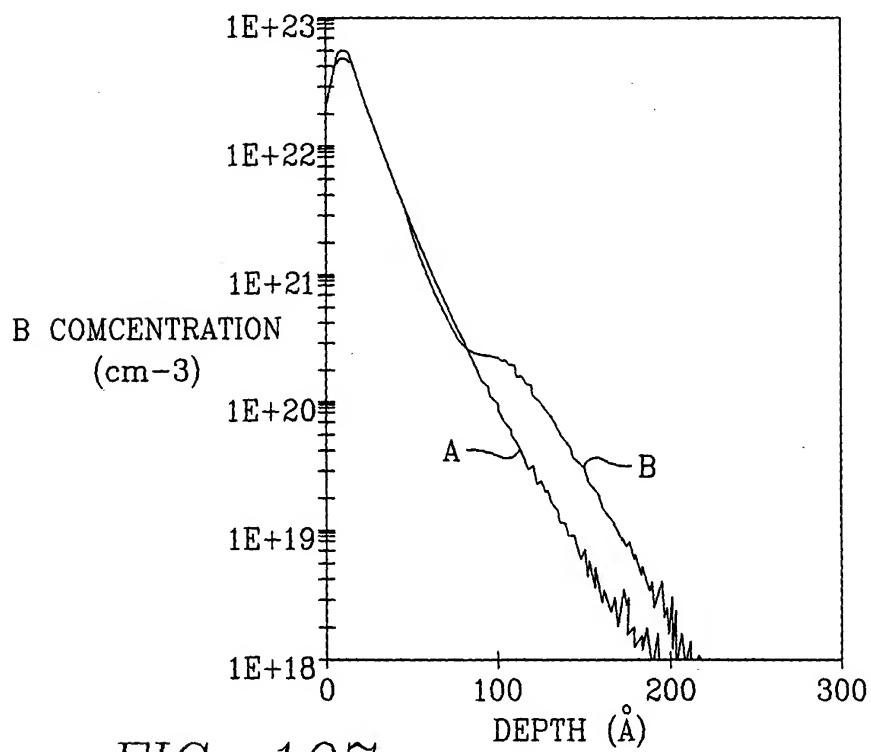


FIG. 107

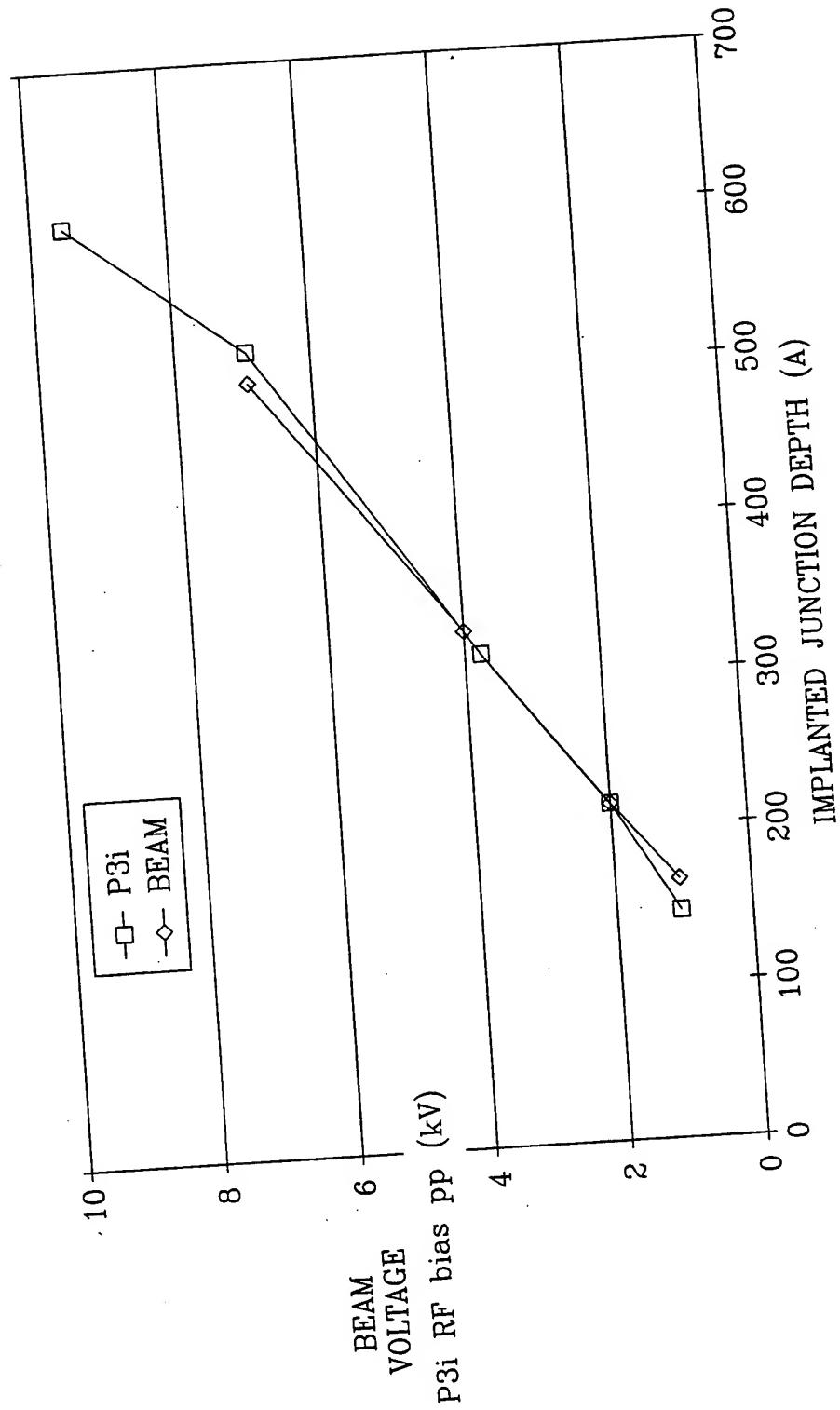


FIG. 108

83/85

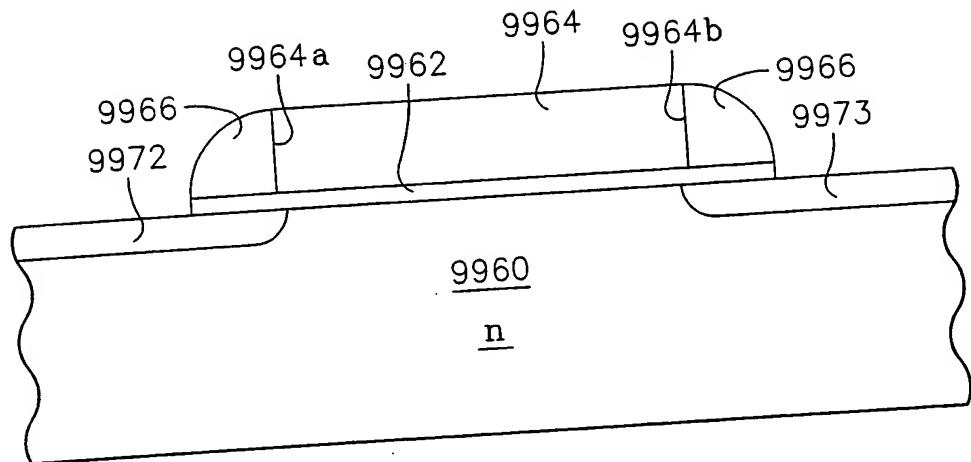


FIG. 109

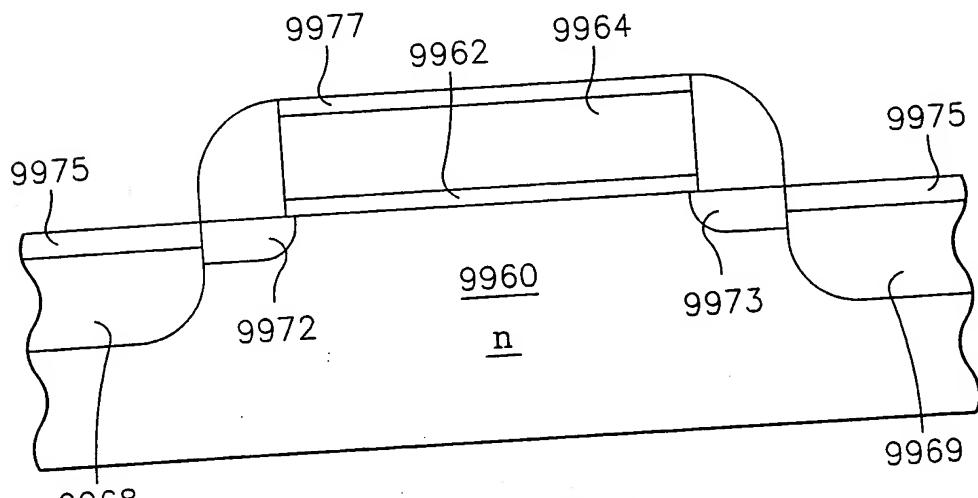


FIG. 110

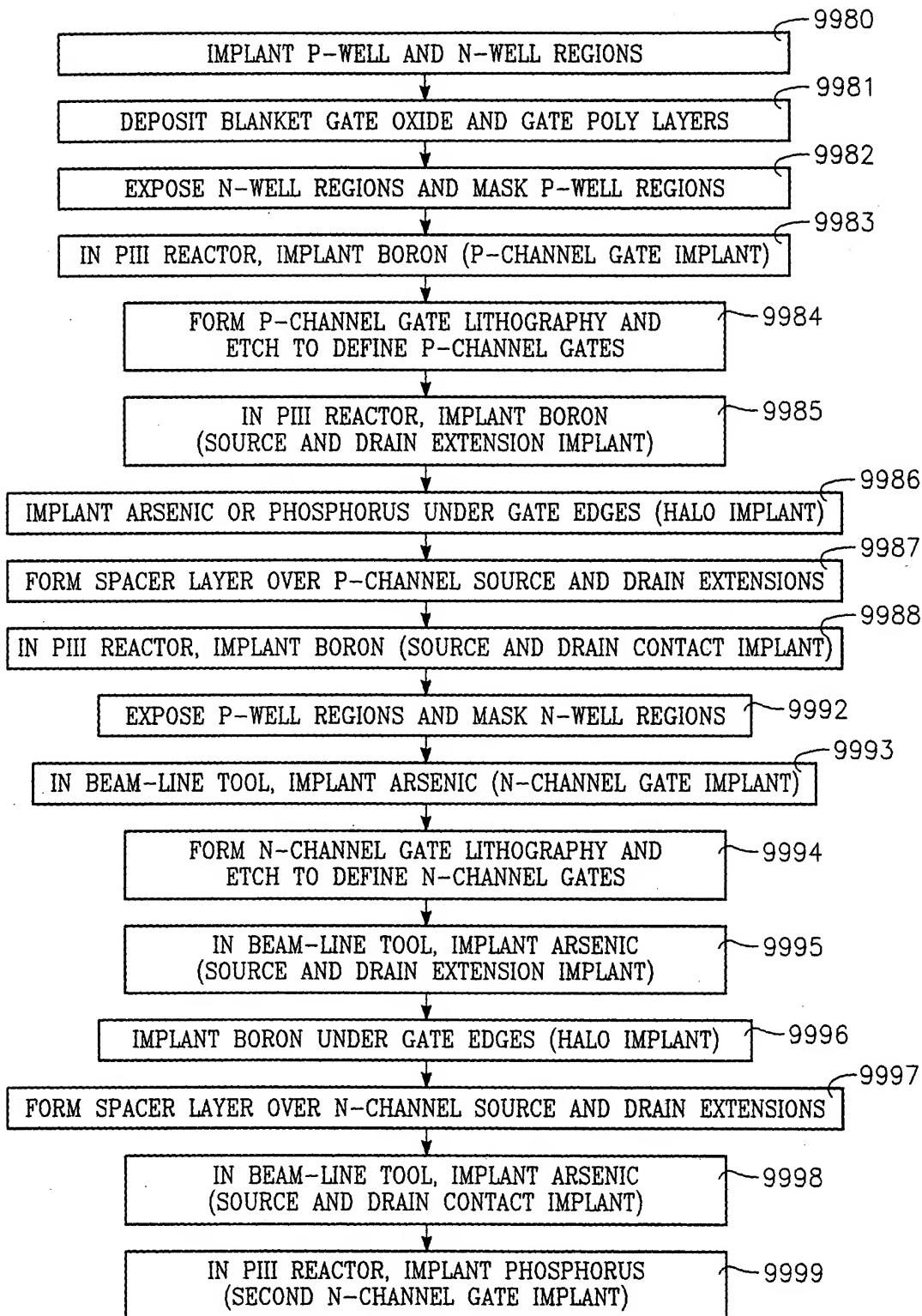


FIG. 111

85/85

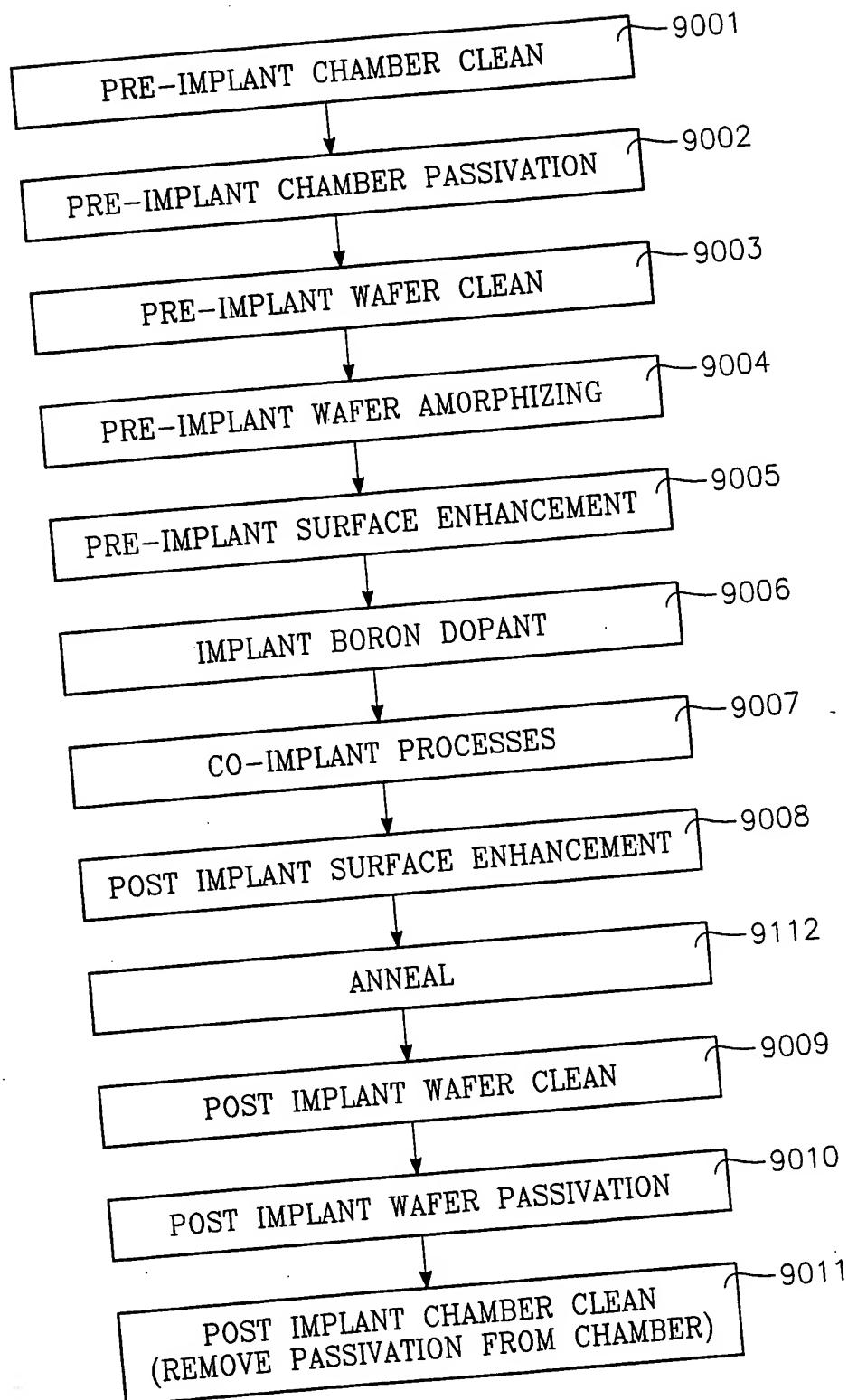


FIG. 112